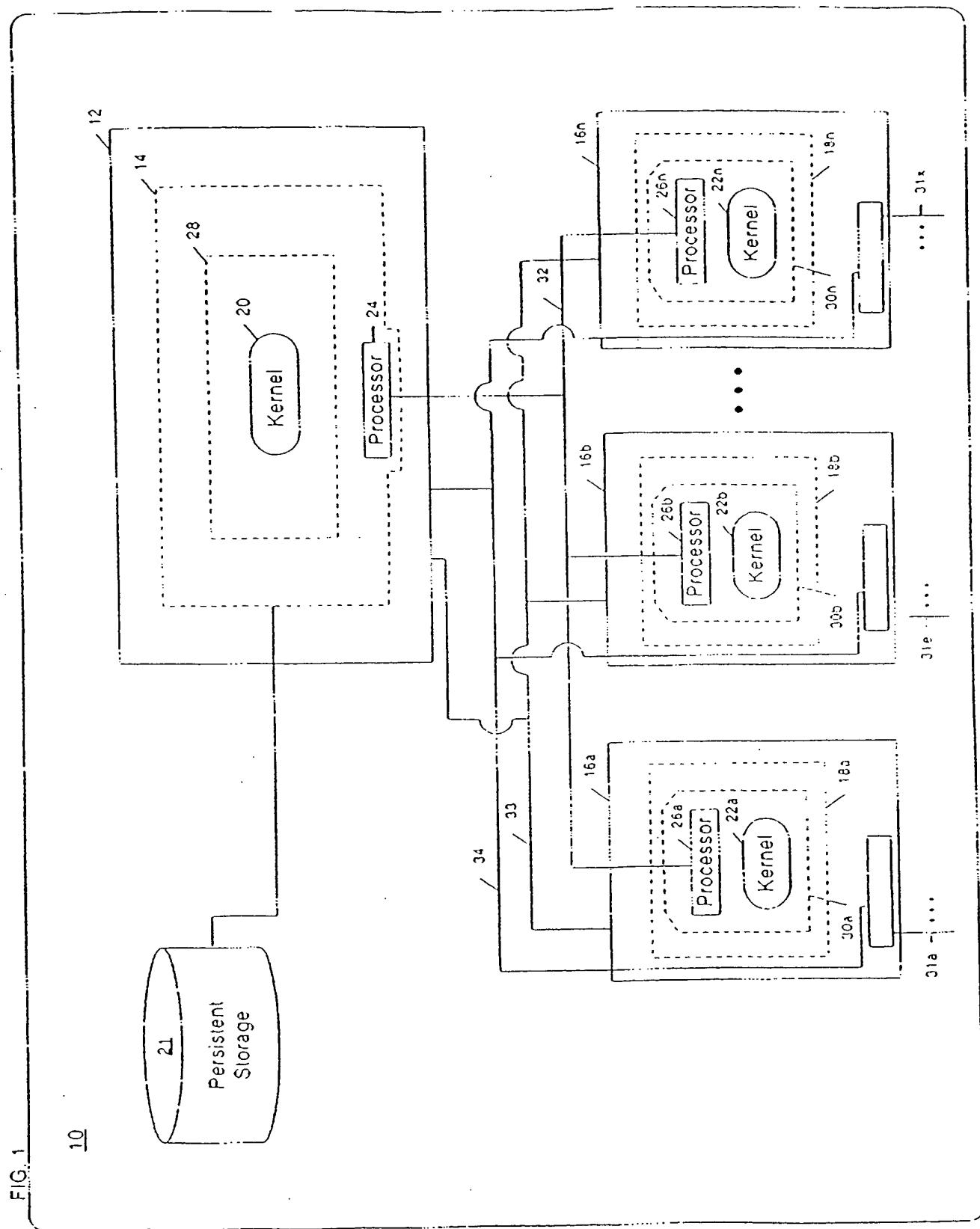


00000000000000000000000000000000

FIG. 1



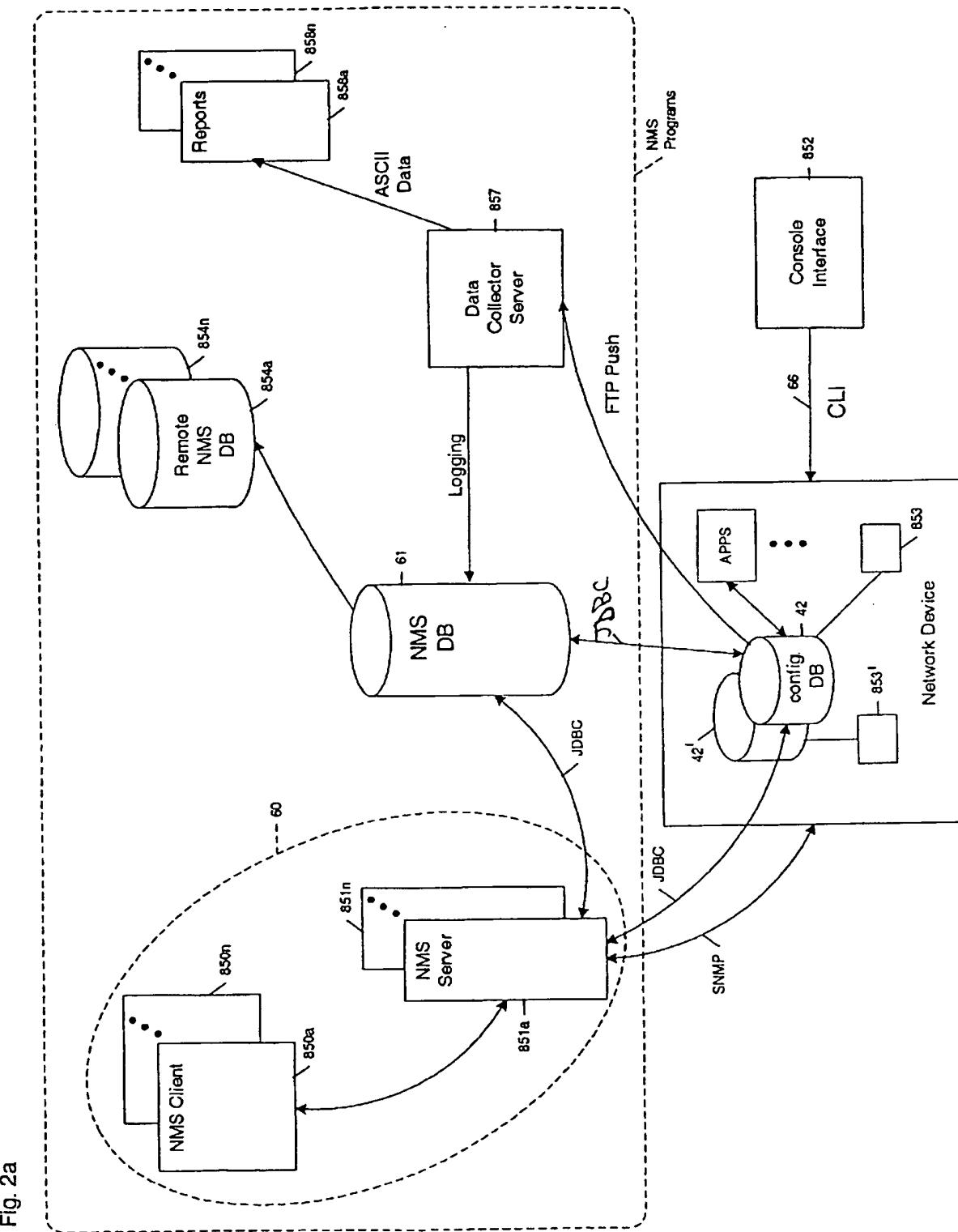
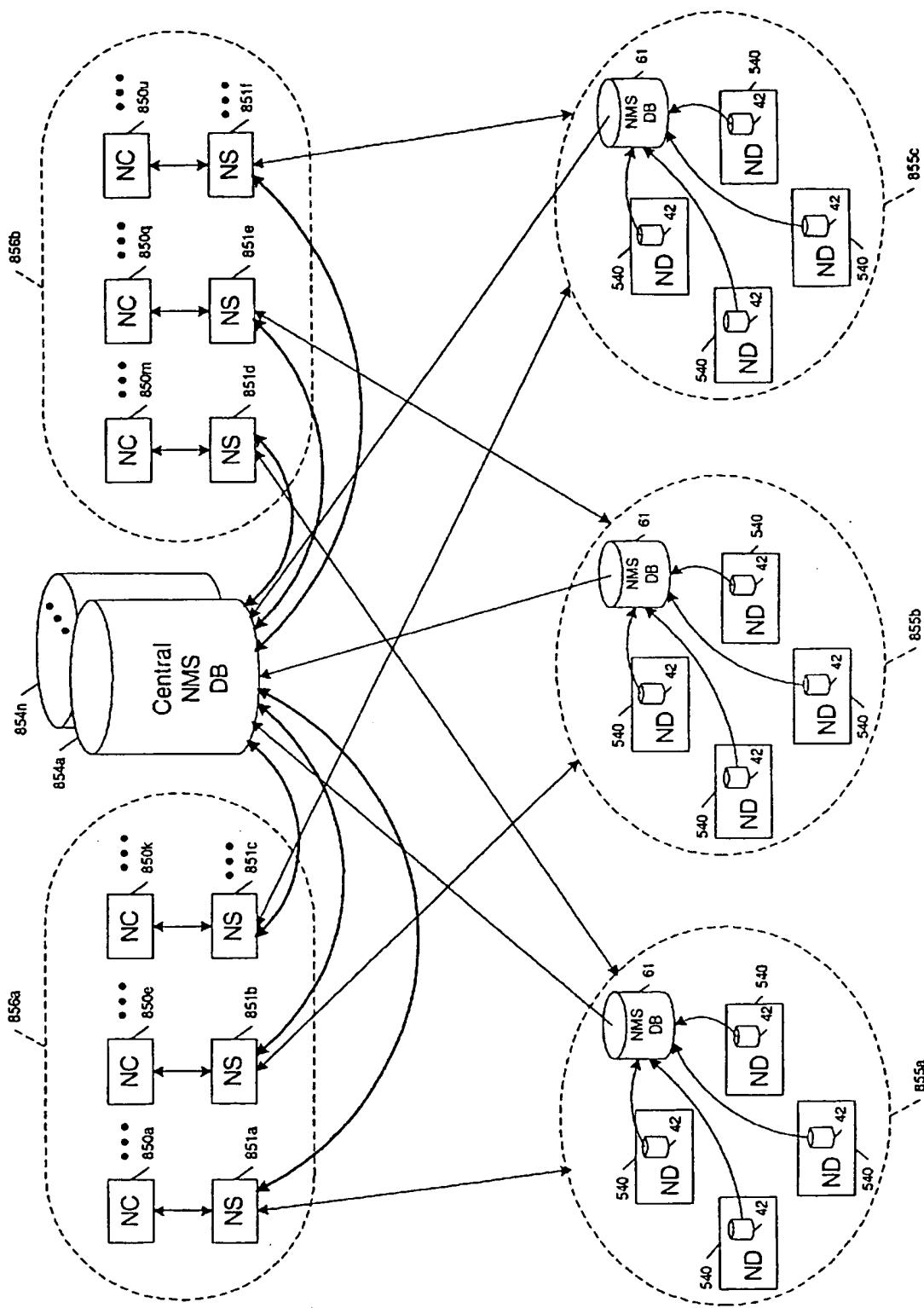


Fig. 2b



卷之三

FIG. 3a

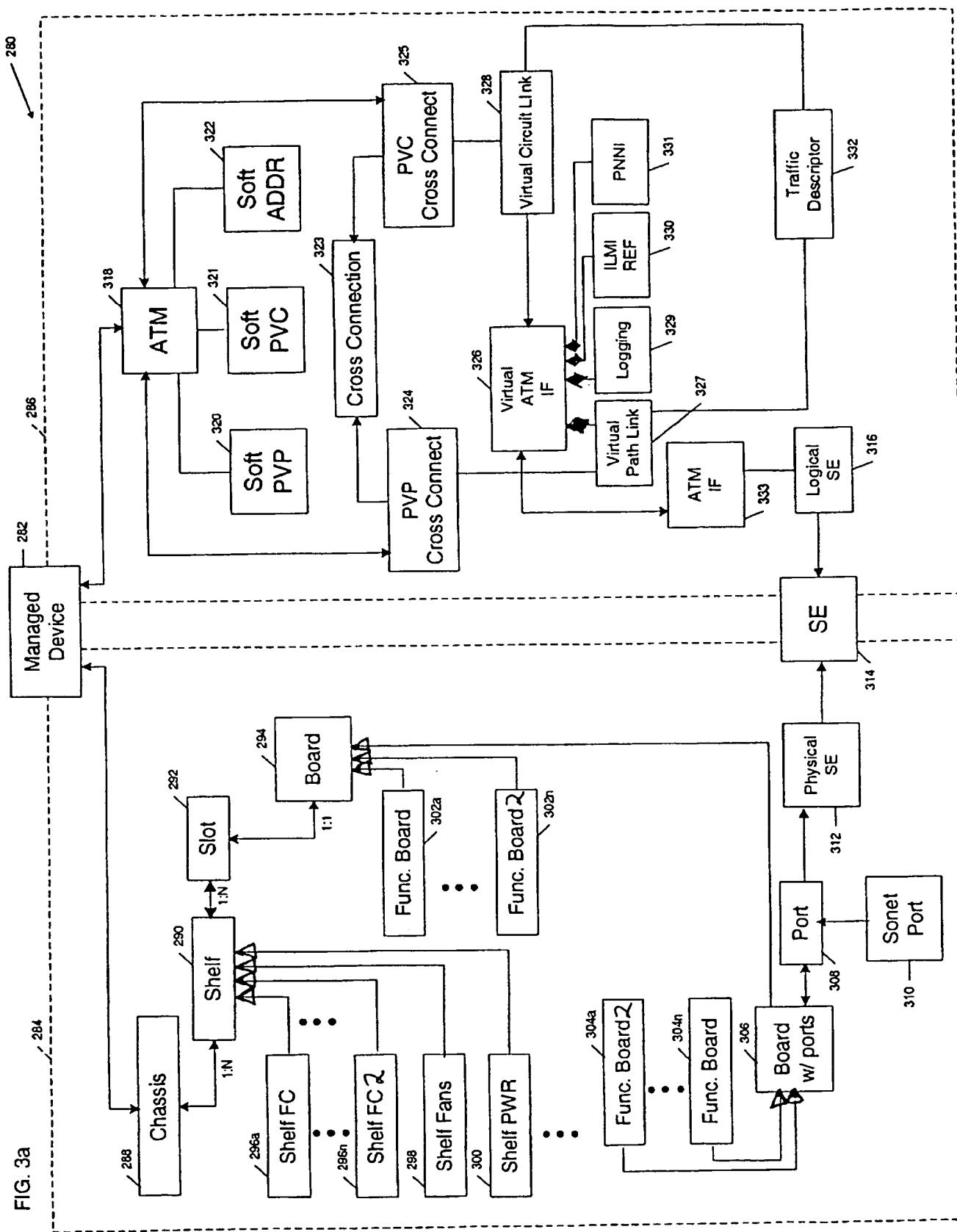
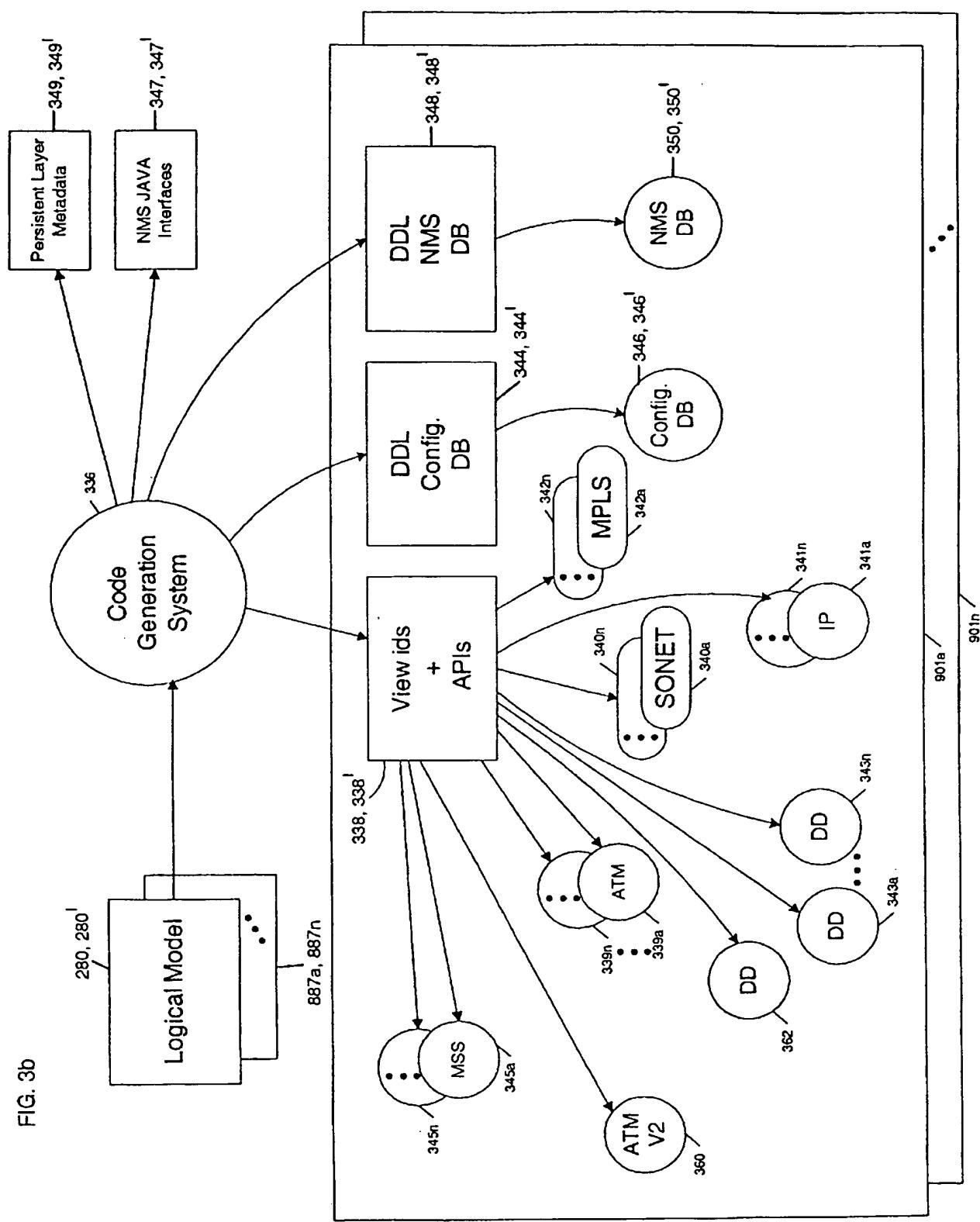


FIG. 3b



007720 "0000000000

FIG. 3c

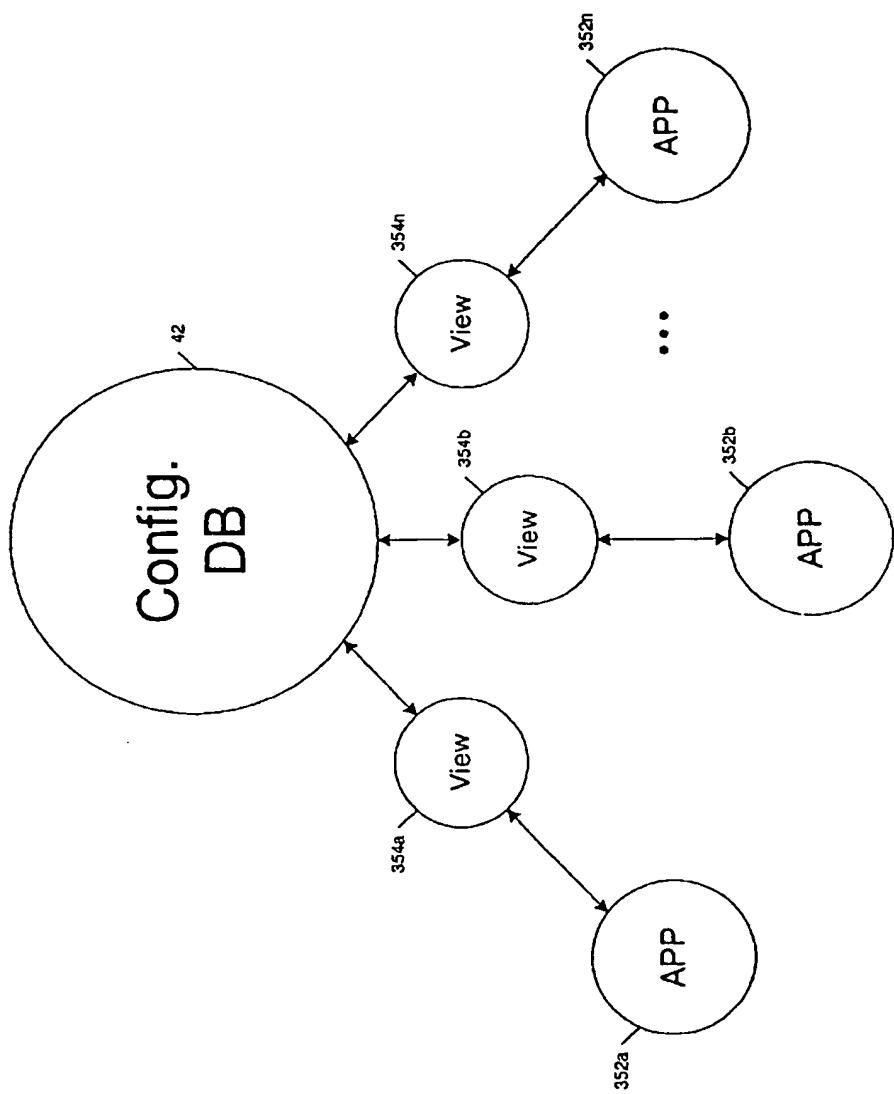


Fig 3d

Build SONET Application

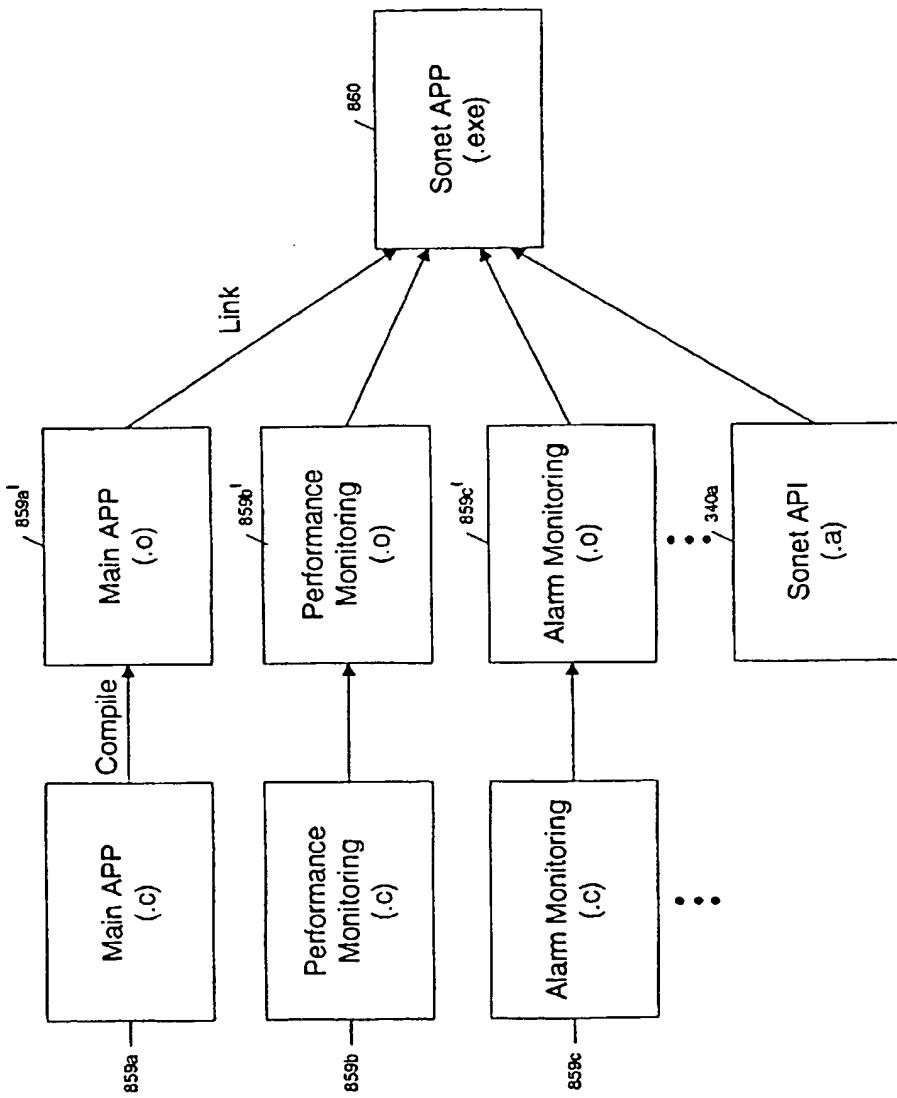


Fig. 3e

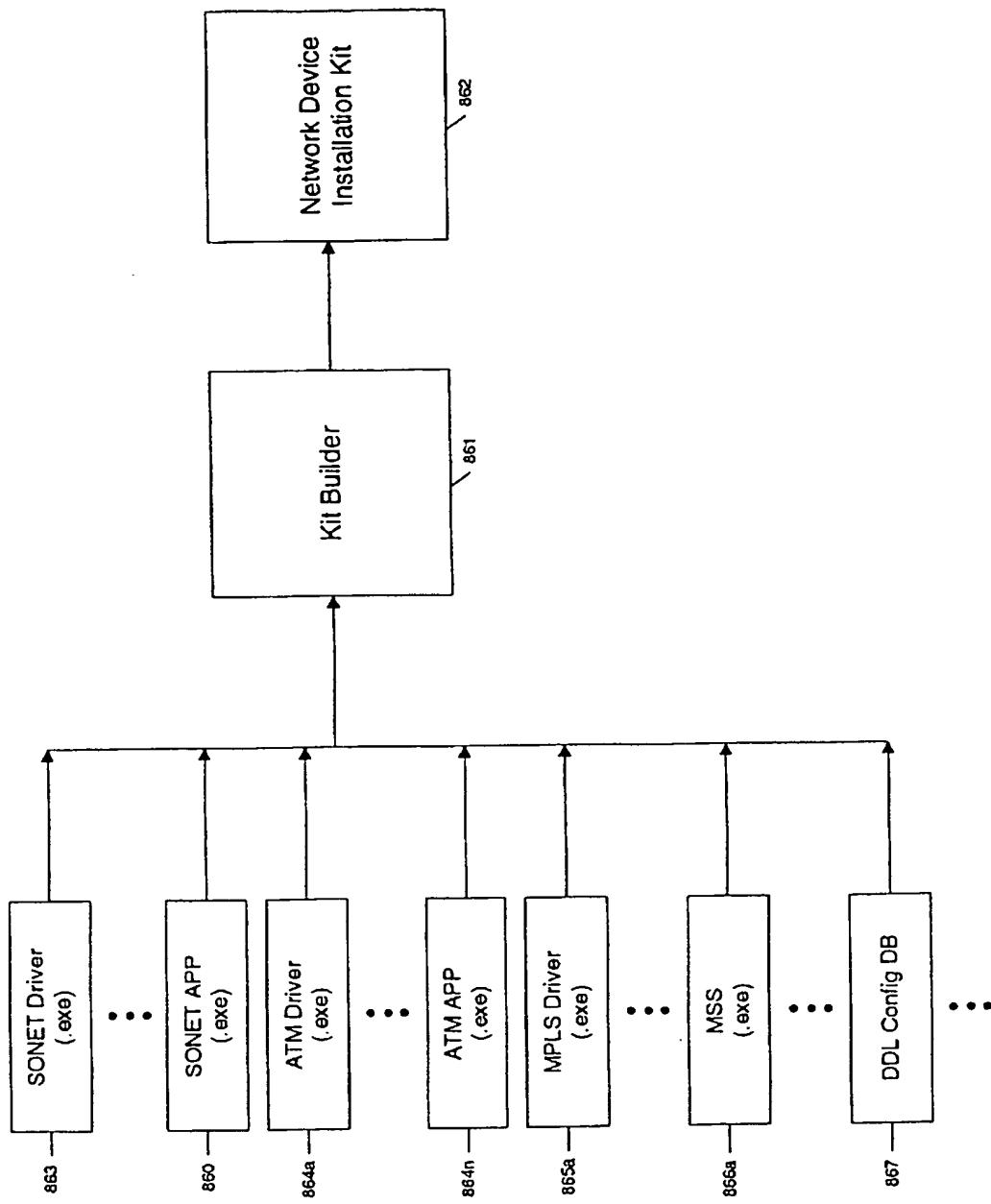


Fig. 3F

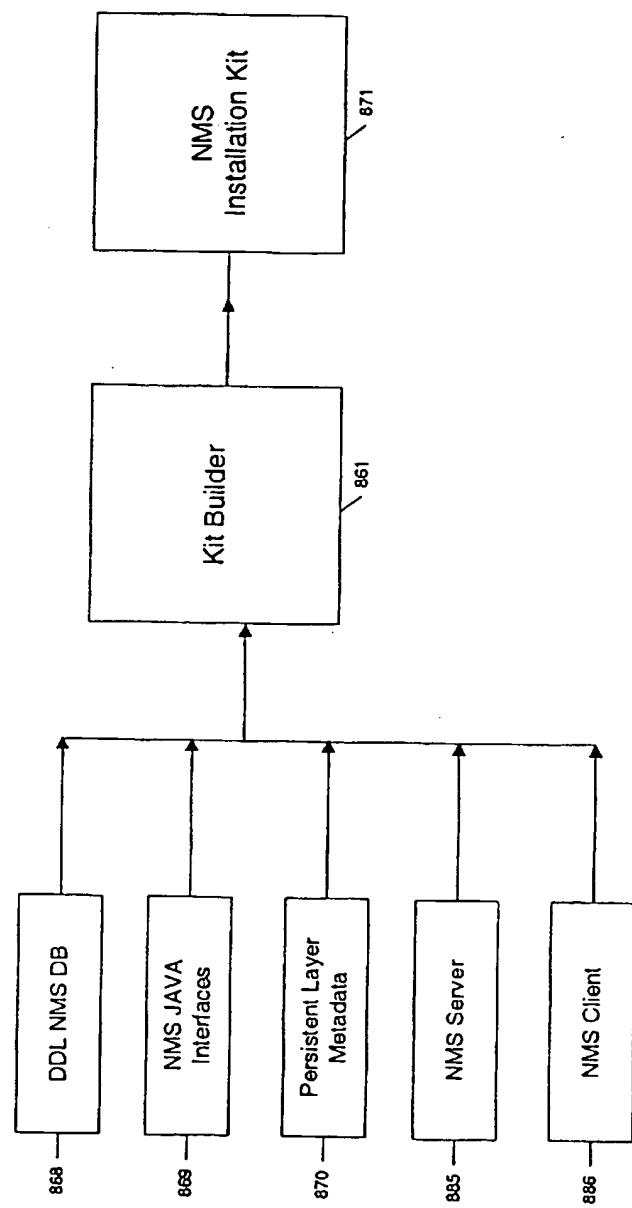


Fig. 3g

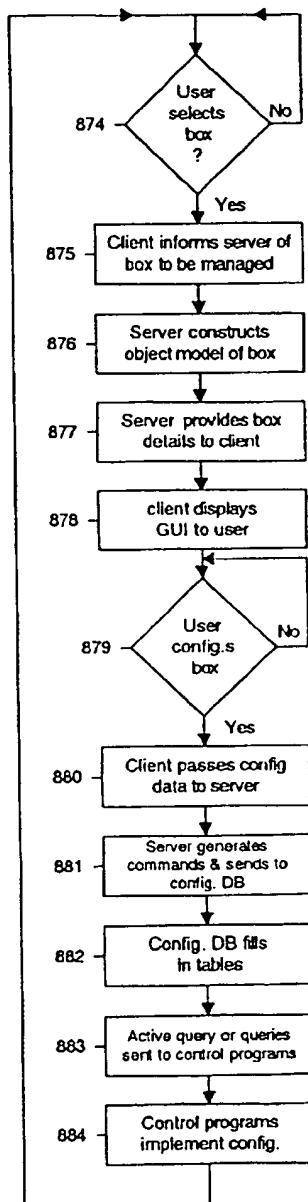
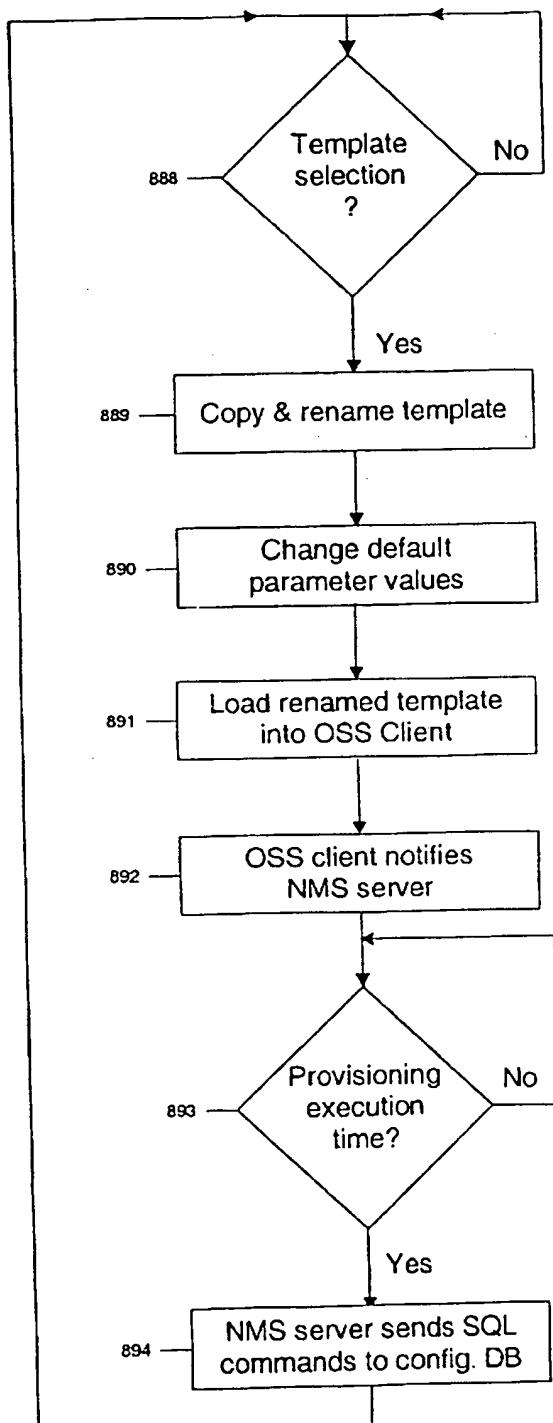


Fig. 3h



912 {
Enetcli>
Enetcli> help
Commands are:
bye
close
execute
help
load
manage
open
quit
showCurrent
showTemplate
set
status
writeCurrent
writeTemplate
Enetcli>
914 {
Enetcli> showCurrent SPATH
ATMIfName=ATMIf11/1/1
Concatenated=false
Name=Path11/1/1
Operant=SPATH
Operator=Create
PortID=1
Position=1
Service=ATM
ShelfID=11
SlotID=1
Type=Terminated
Version=U1_1_0_0
Width=STS3
Enetcli>
Enetcli>
Enetcli>
916 {
Enetcli> showTemplate SPATH
ATMIfName=<String>[TerminatedOnly]
Concatenated=<true:false>
Name=<String>
Operant=SPATH
Operator=<Create|Replace|Update|Delete>
PortID=<Integer><1-16>
Position=<Integer>
Service=<None|ATM>
ShelfID=<11[top],13[bottom]>
SlotID=<Integer><1-8>
Type=<Switched|Terminated>
Version=U1_1_0_0
Width=<S1S1:STS3:S1S12:STS48
Enetcli>
Enetcli>
918 {
Enetcli> status
919 {
Not currently connected to server
Supporting templates: CONTROL, PUC, SPATH, SPUC, ID, and UAIF
Enetcli>
920 }

Fig.3i

Fig. 3j

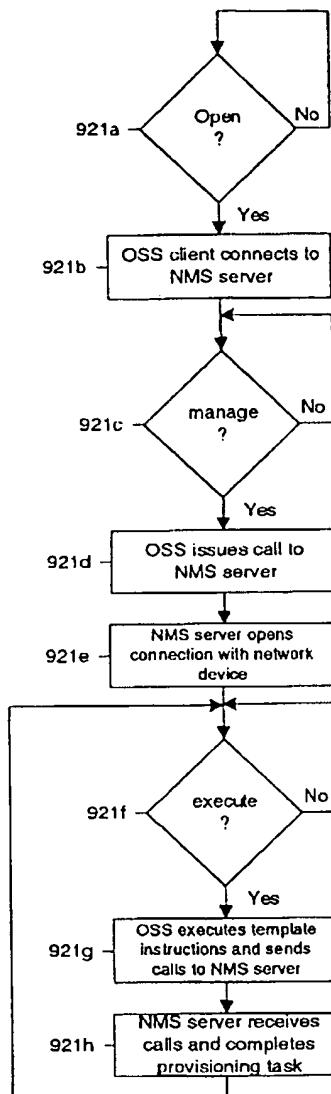


Fig. 3K

```
Command Prompt (2) - enetcli
Enetcli>
922- Enetcli> showCurrent CONTROL
Input=Q:\nms\com\equipecom\nms\utils\enetcli
Interactive=false
Operant=CONTROL
Operator=Manage
923,1- Output=Q:\nms\com\equipecom\nms\utils\enetcli
923C- Password=None
923E- System=192.168.9.202
923U- User=None
923V- Version=U1_1_0_0
923S- Server=localhost
923A- Enetcli>
```

Fig. 3L

924 BATCH

Operant=BATCH

Operator=Execute

Version=V1_1_0_0

924a—Task1=execute-SPATH

924b—Task2=execute-PVC

924c—Task3=execute-SPVC

924d—Task4=load-SPVC-spvc1

924e—Task5=execute-SPVC

924f—Task6=load-SPVC-spvc2

924g—Task7=execute-SPVC

924g—Task50=set-SPATH-PortID-3

924h—Task51=execute-SPATH

924i—Task52=set-SPATH-SlotID-2

924j—Task53=execute-SPATH

0 9 8 2 3 6 0 0 " 0 8 1 2 0 0

Fig. 3M

← 925

Opclient=BATCH

Operator=Execute

Version=VI_1_0_0

925a—Task1=execute-CONTROL

925b—Task2=execute-SPATH

925c—Task3=set-SPATH-PortID-3

925d—Task4=execute-SPATH

925e—

925e—Task61=set-CONTROL-System-192.168.9.201

925f—Task62=execute-CONTROL

925g—Task63=execute-SPATH

925h—Task108=close

925i—Task109=set-CONTROL-Server-Server1

925j—Task110=set-CONTROL-System-192.168.8.200

925k—Task111=execute-CONTROL

925l—Task112=execute-SPATH

925m—

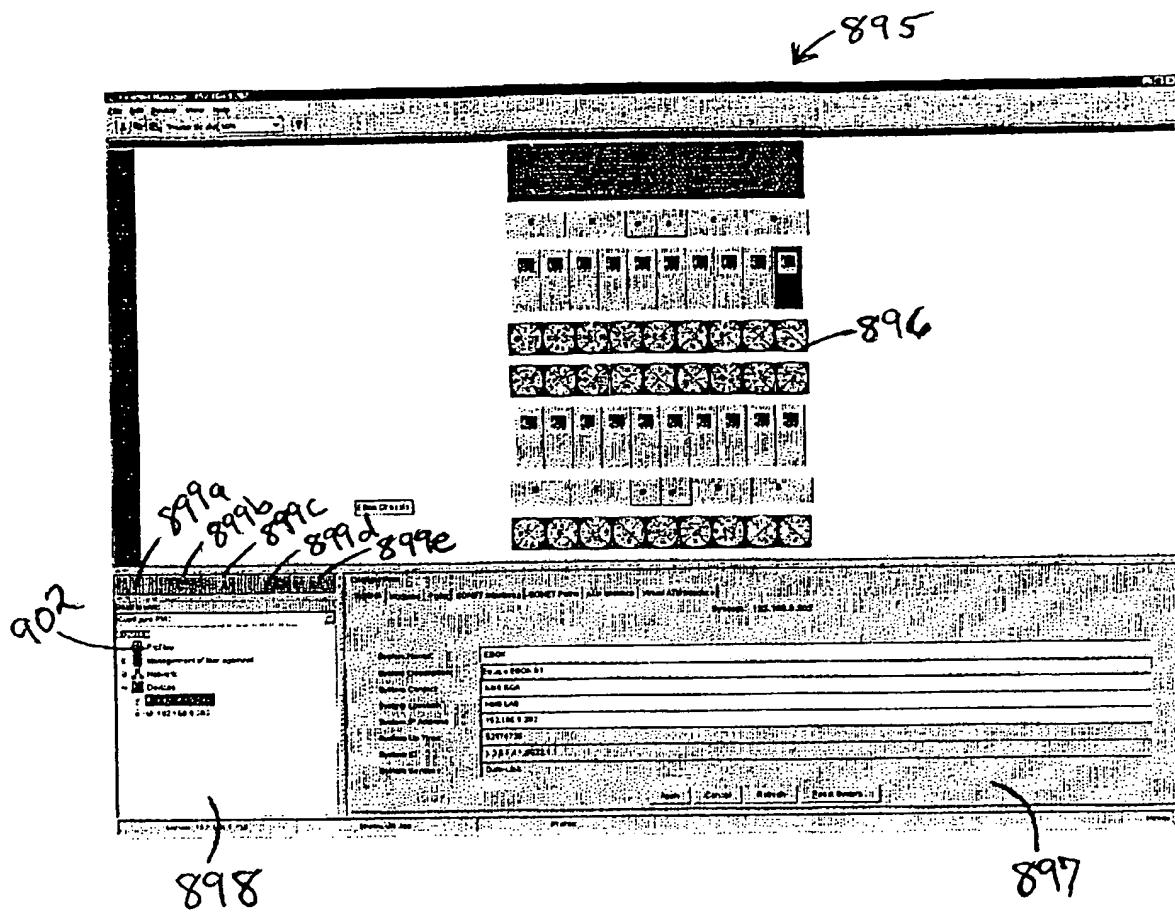


Fig. 4a

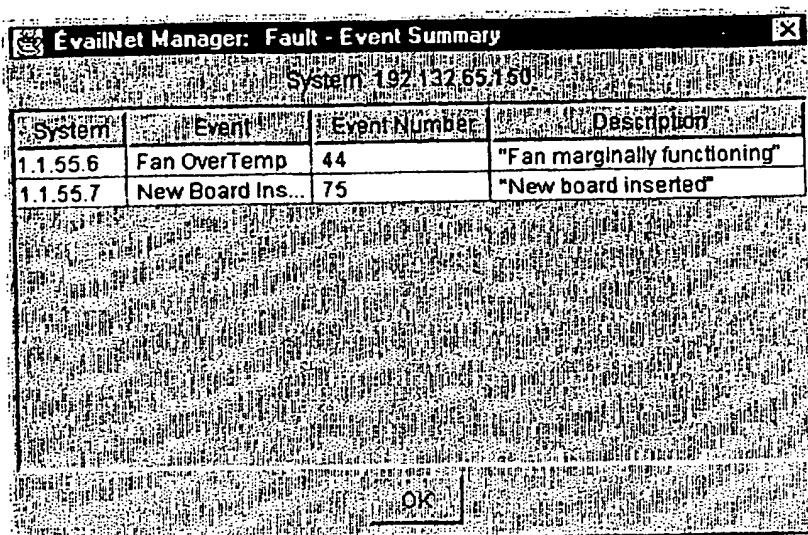


Fig. 4b

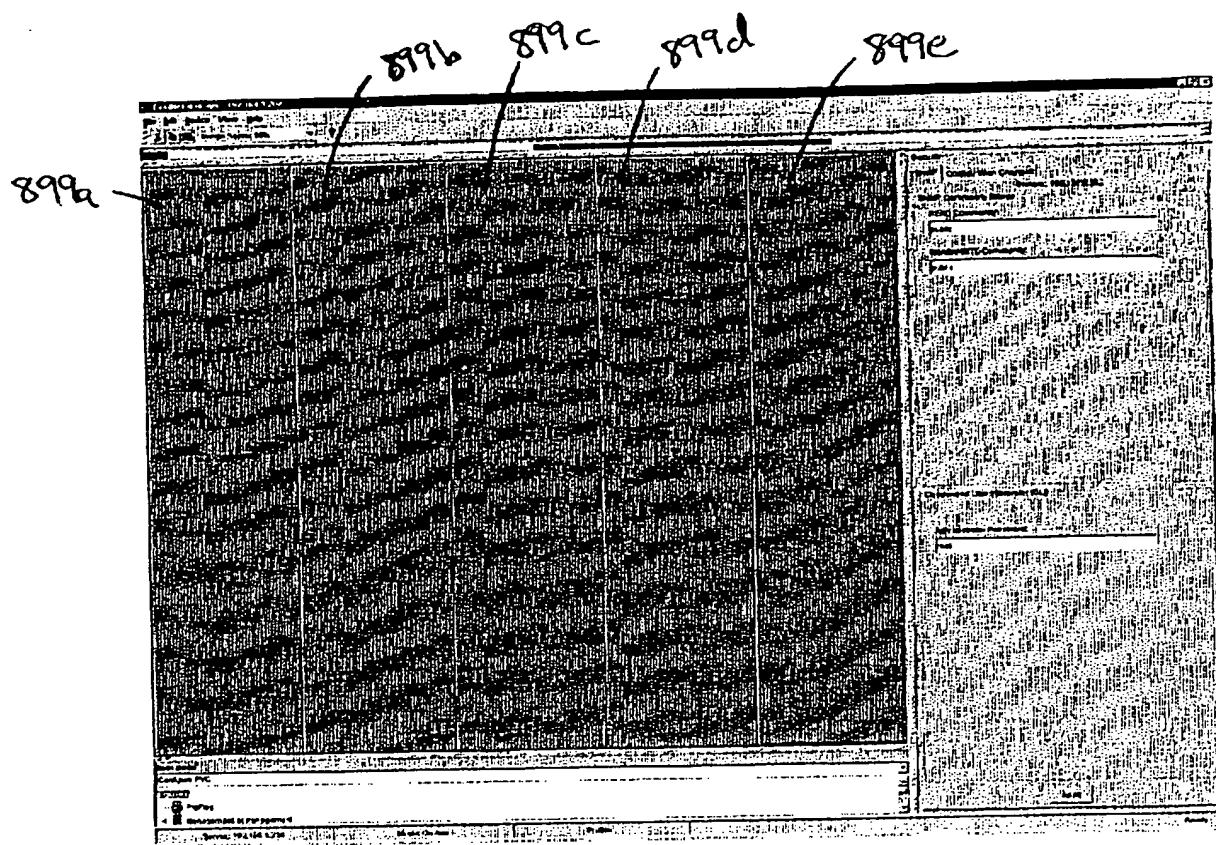


Fig. 4c

903

904

905 906

Profiles

System: 192.132.60.150

Profile Manager

Name	Description	Security Level	Timeout	Primary Server	Secondary Server
Joe	Joe Whitehouse	Admin	15	192.168.1.32	192.168.1.37
Acme	Acme Arena	Provisioning	15	TeamServer1 192.168.1.32	TeamServer2.192.168.1.32

Copy

Fig. 4d

Fig. 4e

907

The screenshot shows a configuration dialog box with the following fields and annotations:

- General:**
 - Username:** Kevin (908a)
 - Description:** Kevin Snow user account (908e)
 - Group Name:** Equipe (908f)
 - Group Level Access:** (dropdown menu) (908g)
 - Password:** (908h)
 - Confirm Password:** (908i)
- Policies:**
 - User Cannot Change Password (908j)
 - Account Disabled (908k)
 - User Can Add Devices (908l)
- User Session Timeout:** 15 Minutes (908m)
- Servers:**
 - Primary Server:** 192.168.1.220 (908n)
 - Primary Server Port:** 6500 (908o)
 - Secondary Server:** 192.168.1.221 (908p)
 - Secondary Server Port:** 6503 (908q)
- Devices:**

Device	READ	READ/WRITE	Retry	Timeout	Add	Delete
192.168.9.202	public	equipe	3	5
192.168.9.205	public	equipe	3	5
192.168.9.216	public	equipe	3	5

Annotations with arrows:

- 908a: Points to the 'Kevin' field in the General section.
- 908e: Points to the 'Kevin Snow user account' description in the General section.
- 908f: Points to the 'Equipe' group name in the General section.
- 908g: Points to the 'Group Level Access' dropdown menu.
- 908h: Points to the 'Password' field.
- 908i: Points to the 'Confirm Password' field.
- 908j: Points to the 'User Cannot Change Password' checkbox.
- 908k: Points to the 'Account Disabled' checkbox.
- 908l: Points to the 'User Can Add Devices' checkbox.
- 908m: Points to the 'User Session Timeout' field.
- 908n: Points to the 'Primary Server' field.
- 908o: Points to the 'Primary Server Port' field.
- 908p: Points to the 'Secondary Server' field.
- 908q: Points to the 'Secondary Server Port' field.
- 908r: Points to the 'Device' column header in the 'Devices' table.
- 908s: Points to the 'Delete' button in the 'Devices' table.
- 908t: Points to the 'OK' button at the bottom of the dialog.
- 908u: Points to the 'Cancel' button at the bottom of the dialog.

Fig 4f

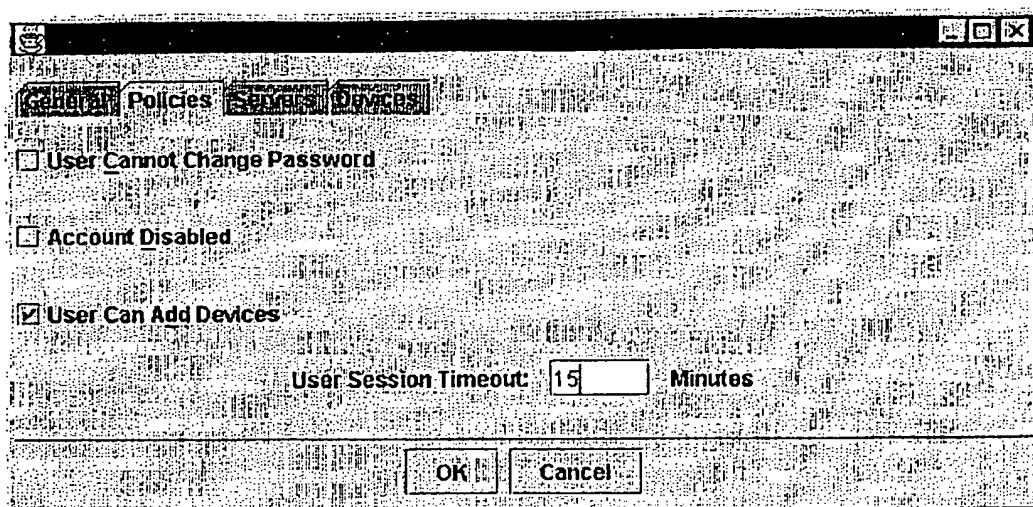
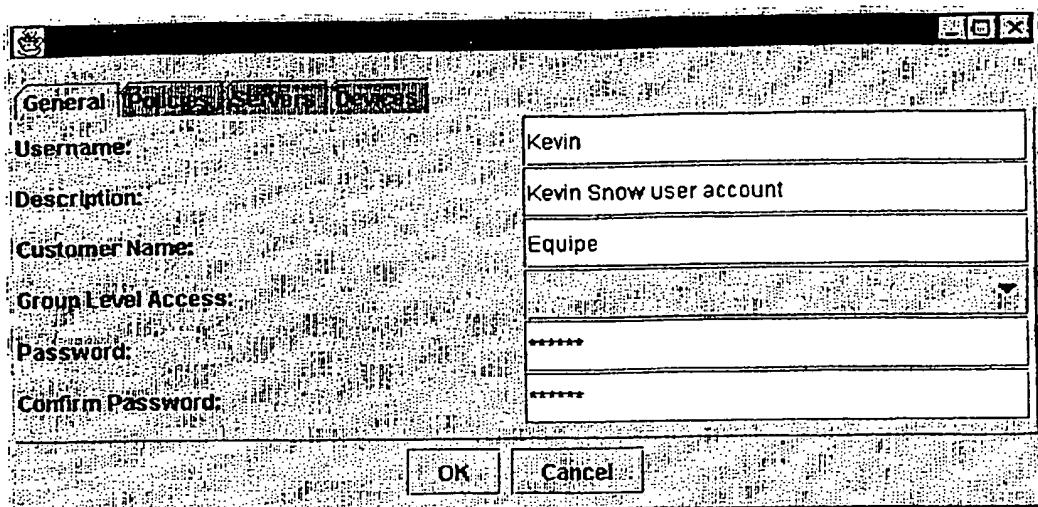


Fig. 4g

Fig. 4h

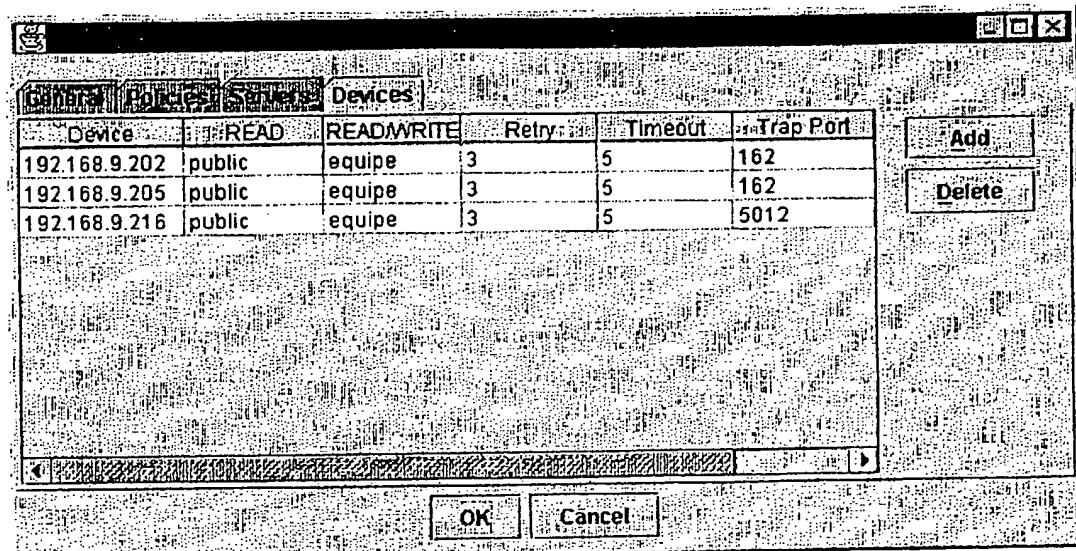
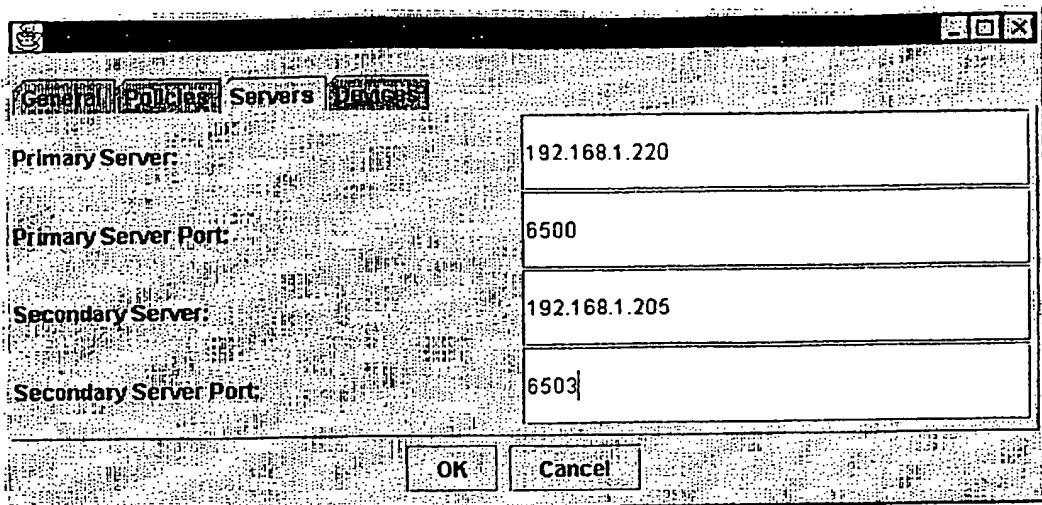


Fig. 4i

909

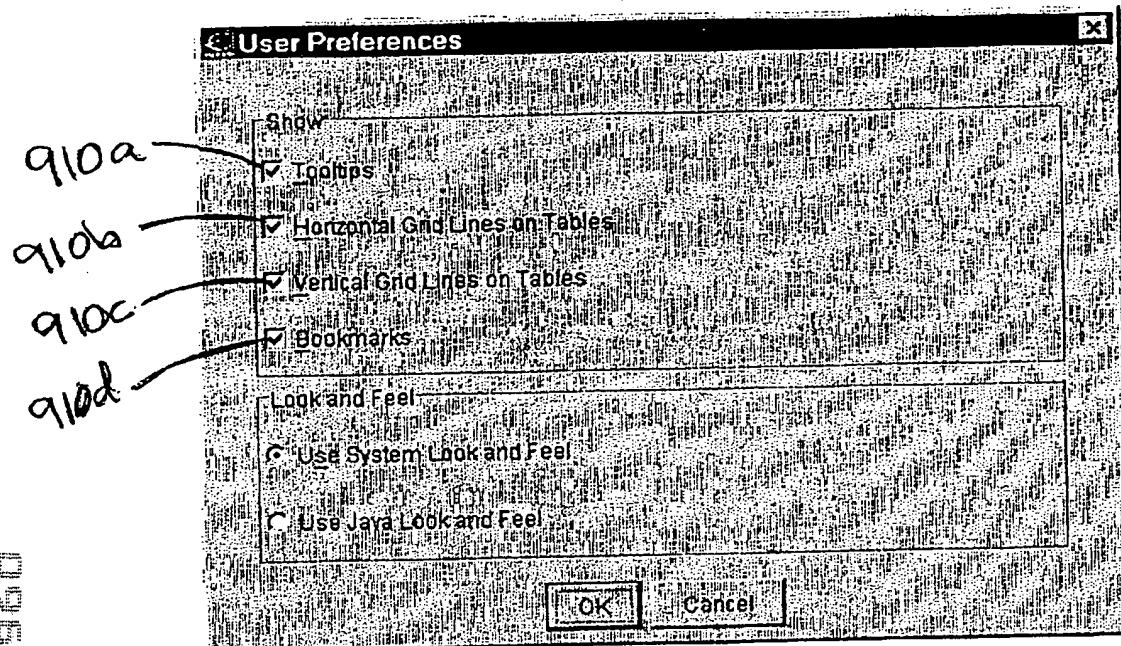
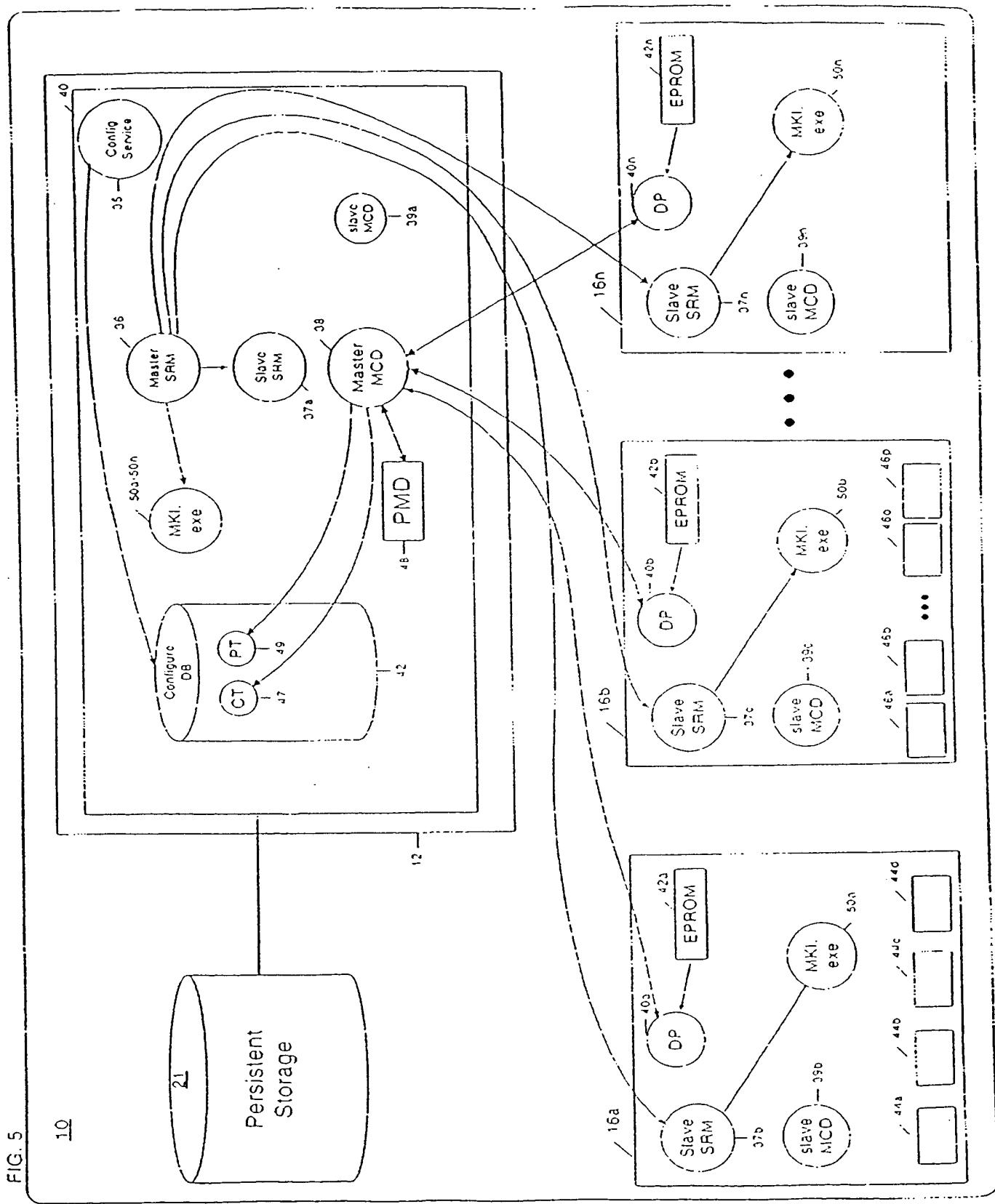


Fig. 4j

FIG. 5



00T-T80 "0002E360

CARD TABLE

47

	PID	CWD TYPE	VERSION NO.	SLOT NO.	...
16 a	500	0XF002	3	1	
16 b	501	0XF002	4	2	
	•	•	•	•	•
	•	•	•	•	•
16 e	505	0X6002	1	5	
	•	•	•	•	•
	•	•	•	•	•
16 n	513	0XF002	1	12	
	•	•	•	•	•
	•	•	•	•	•

FIG. 6

PORT TABLE

49

PID	PORT TYPE	VERSION NO.	SLOT NO.	...
44a	1500	00620	1	1
44b	1501	00620	1	1
44c	1502	00620	1	1
44d	1503	00620	1	1
46a	1504	00820		
				...
				...
				...
				...
1600	00620	1	8	
				...
				...
				...

FIG. 7

FIG. 8

10

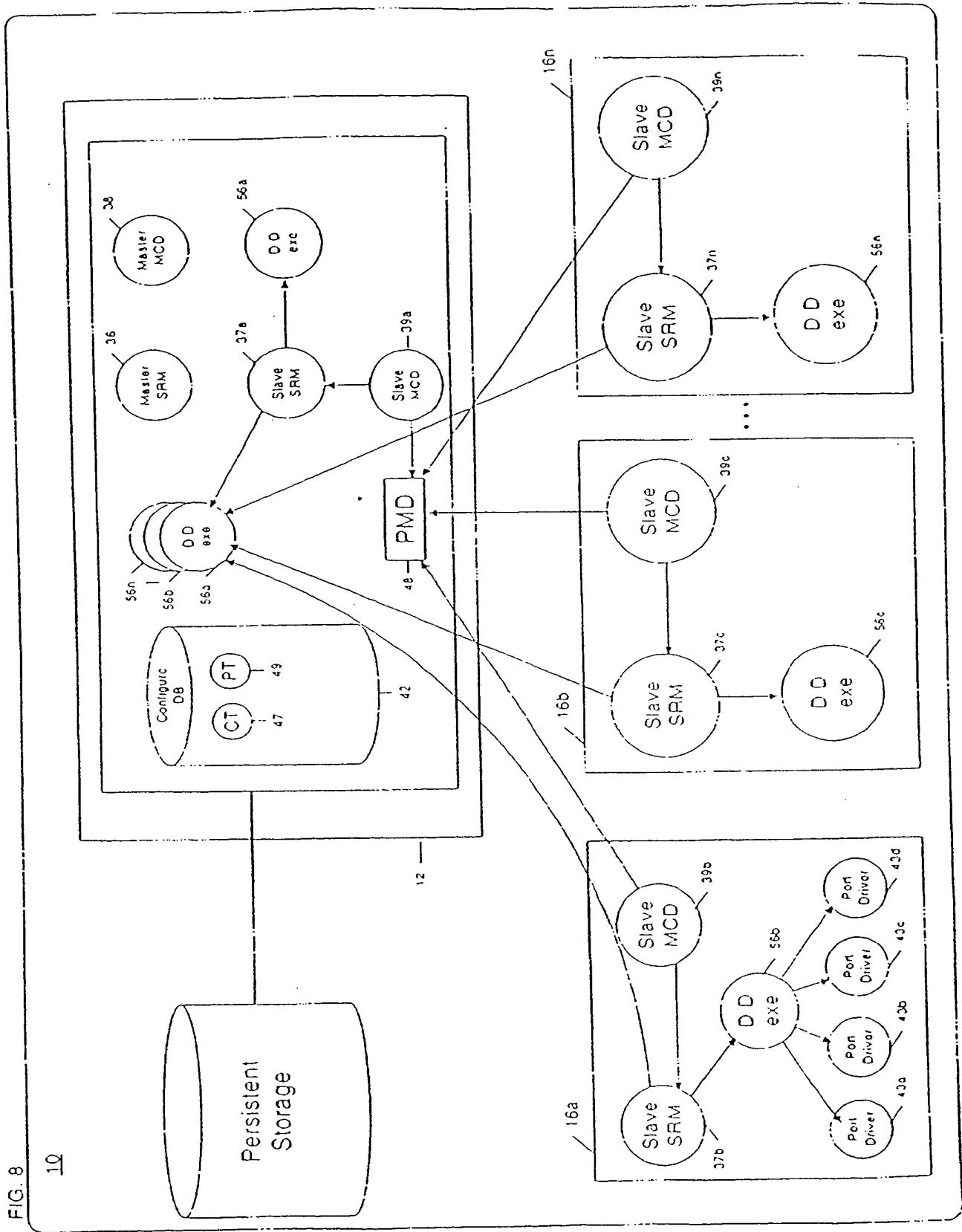


FIG. 9a

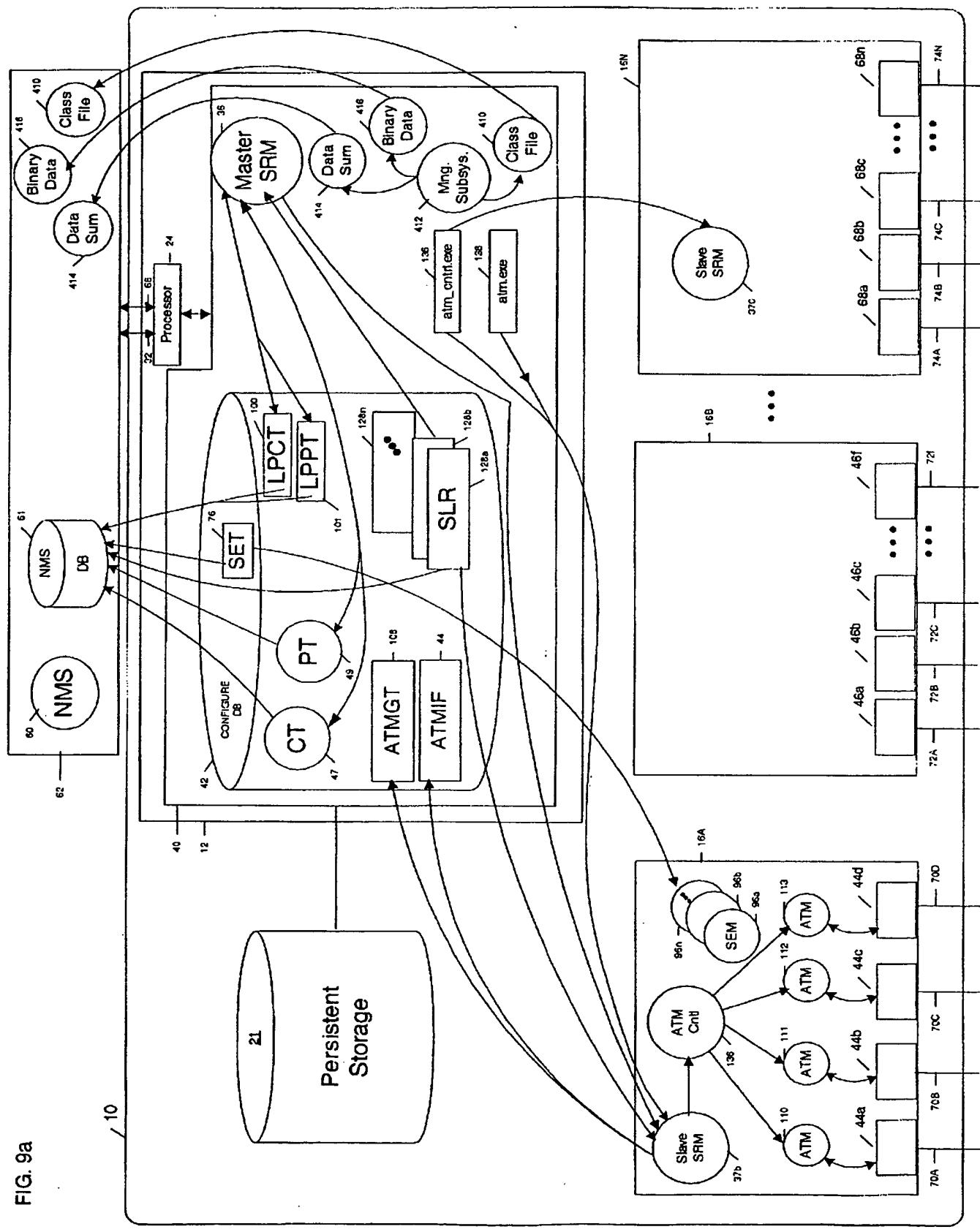


Fig. 9

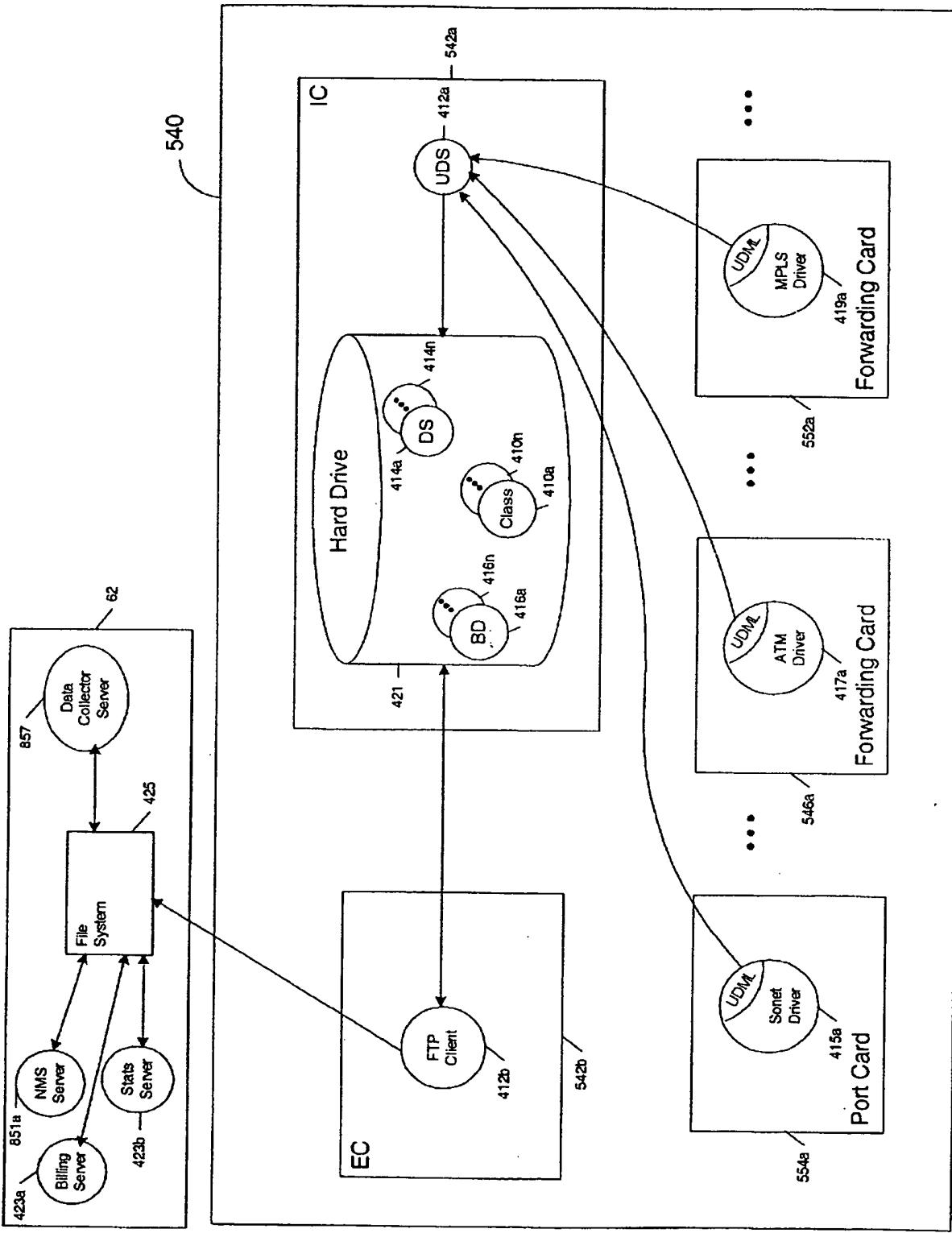


FIG. 10

Service Endpoint Table 76

	Service Endpoint #	Port PID
78	1	1500
80	2	1501
82	3	1501
84	4	1501
86	5	1502
88	6	1502
90	7	1503
92	8	1503
94	9	1503
168	10	1502
	⋮	⋮

FIG. 11a

Logical to Physical Card Table 100

	98	102	104
	LID	Primary PID	Back-up PID
106	30	500	513
109	31	501	513
	⋮	⋮	⋮

FIG. 11b

Logical to Physical Port Table 101

	98	102	104
	LID	Primary PID	Back-up PID
107	40	1500	1600
	⋮	⋮	⋮

FIG. 12

ATM Group Table 108

Group #	Card LID	...
1	30	
2	30	
3	30	
4	30	

FIG. 13

ATM Interface Table 114

ATM IF	ATM Group	SE	...
1	1	1	
2	1	1	
3	1	1	
4	2	2	
5	2	3	
6	2	4	
...
12	3	10	
...

FIG. 14

Software Load Record 128a

130	Control Shim	LID	132
134	alm-cntl.exe	30	

FIG. 15

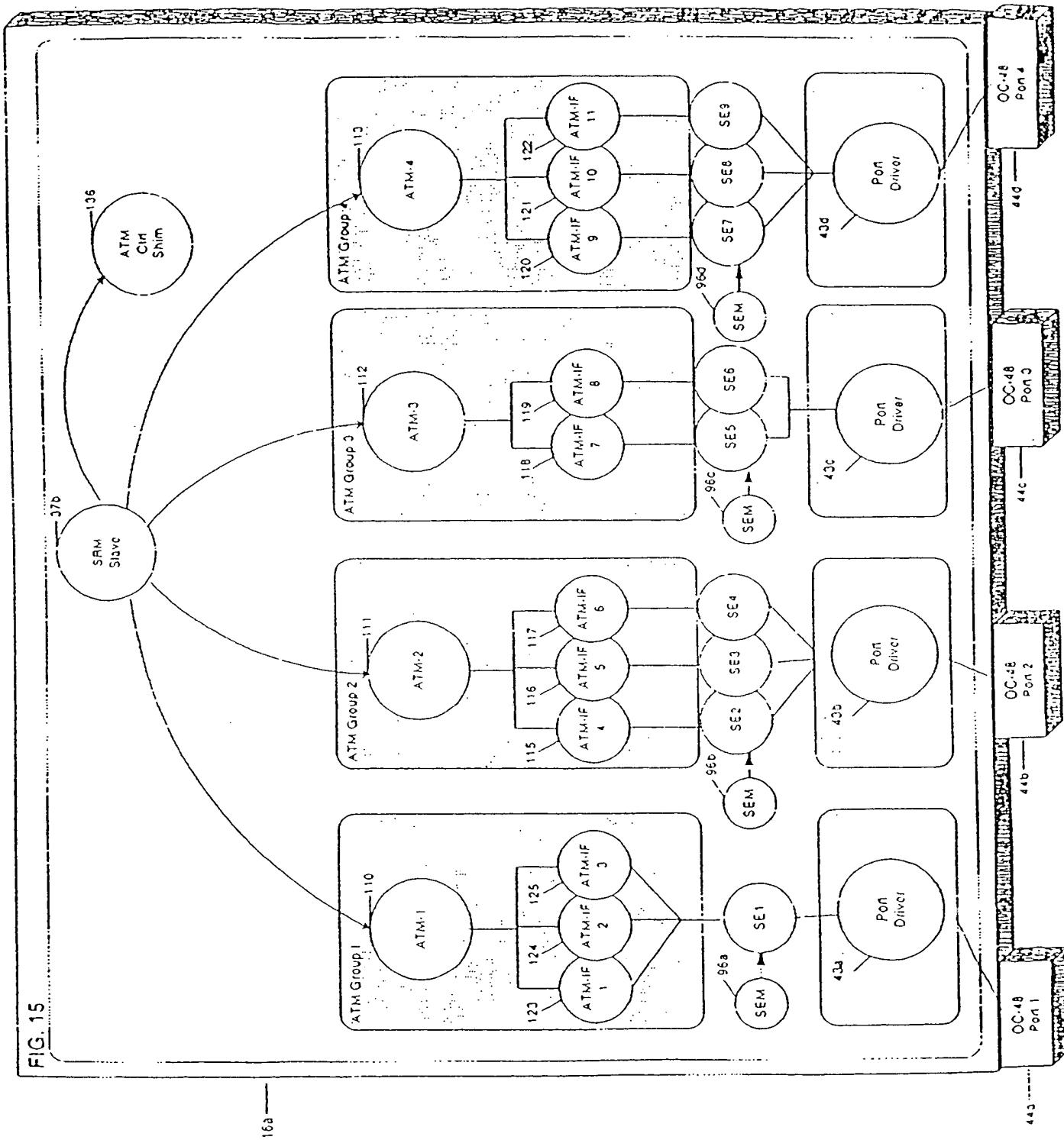


FIG. 16a

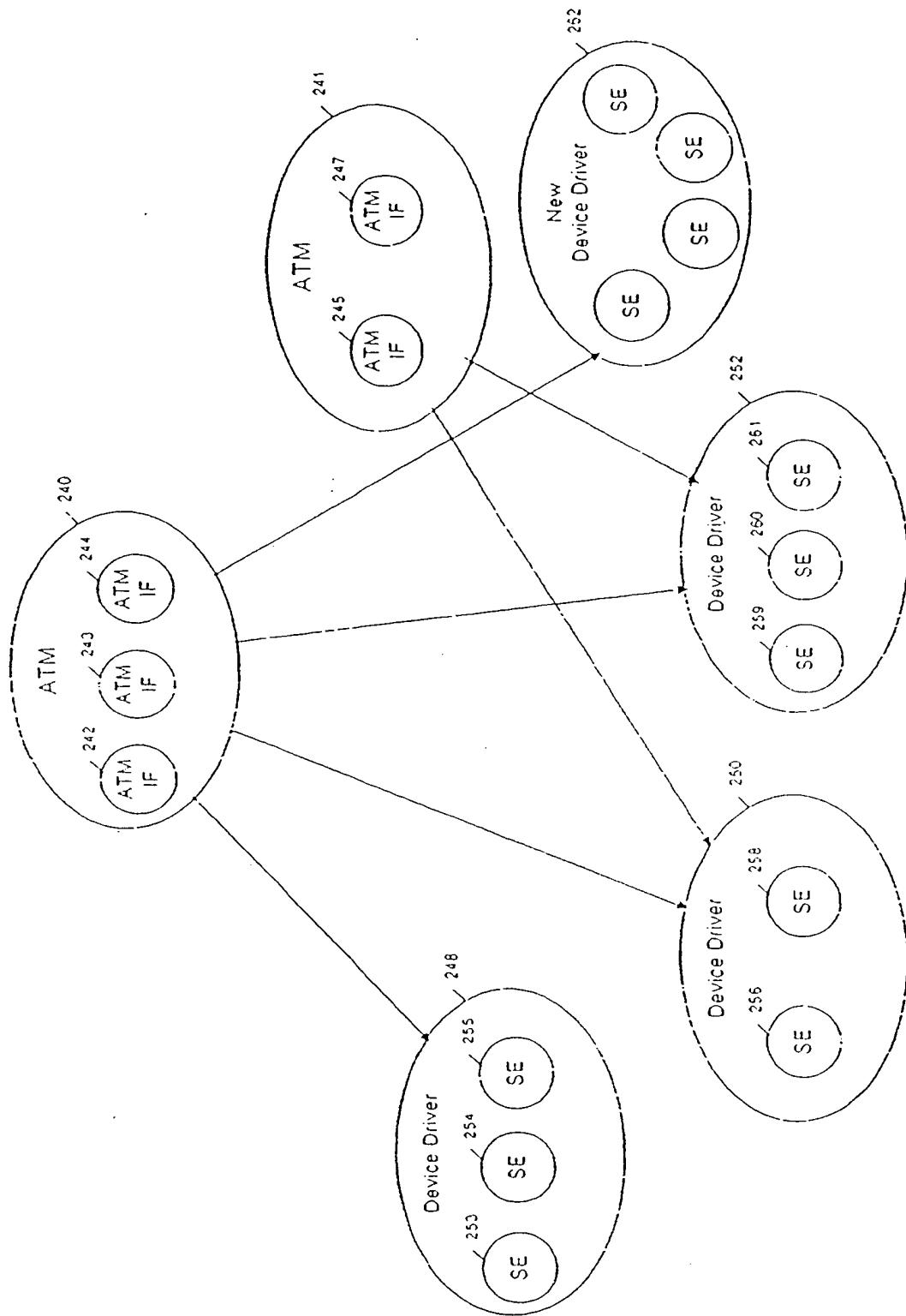


FIG. 16b

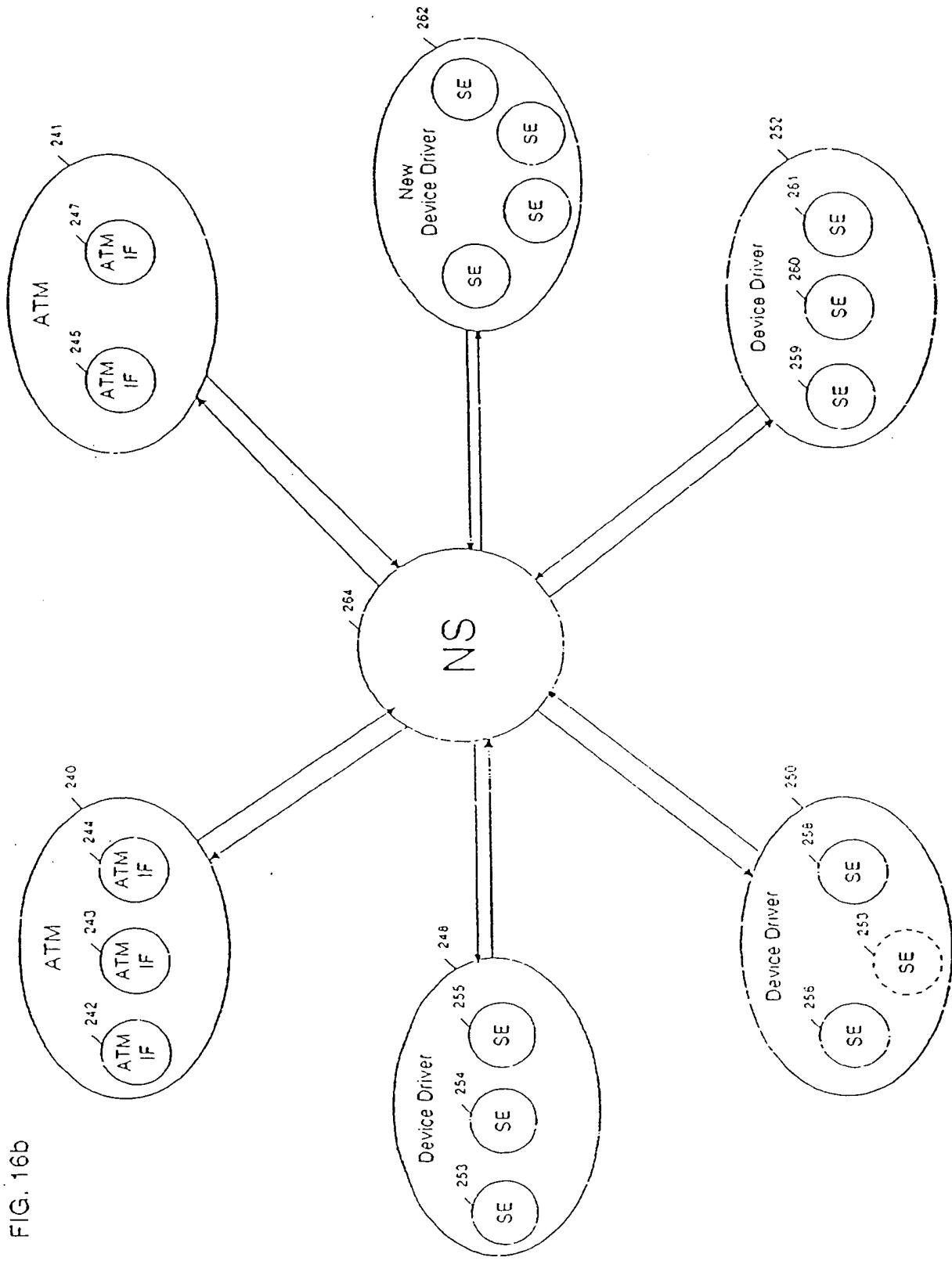


FIG. 16c

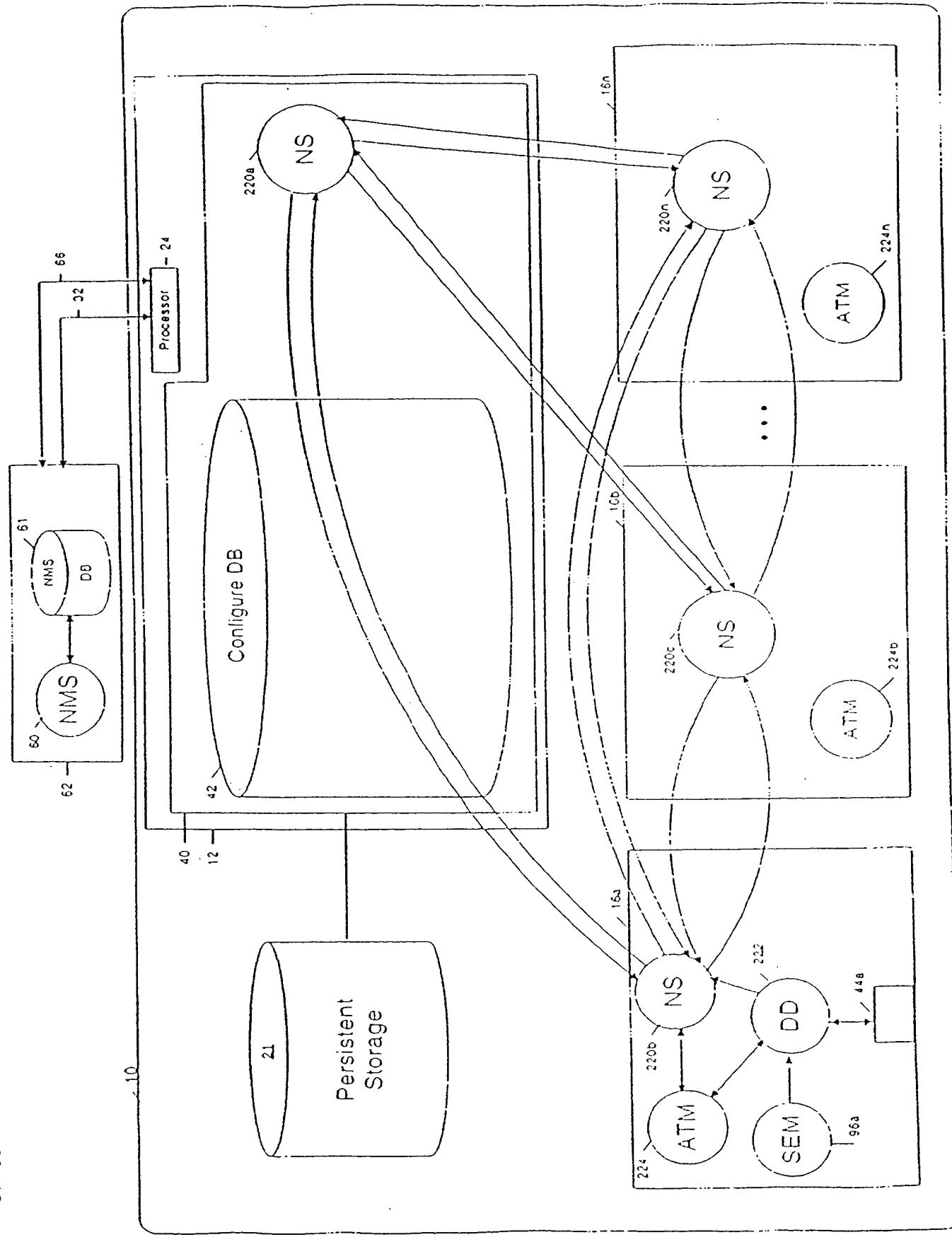


FIG. 16d

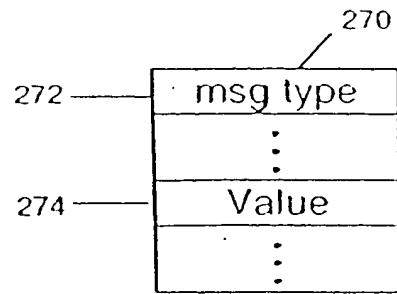


FIG. 17

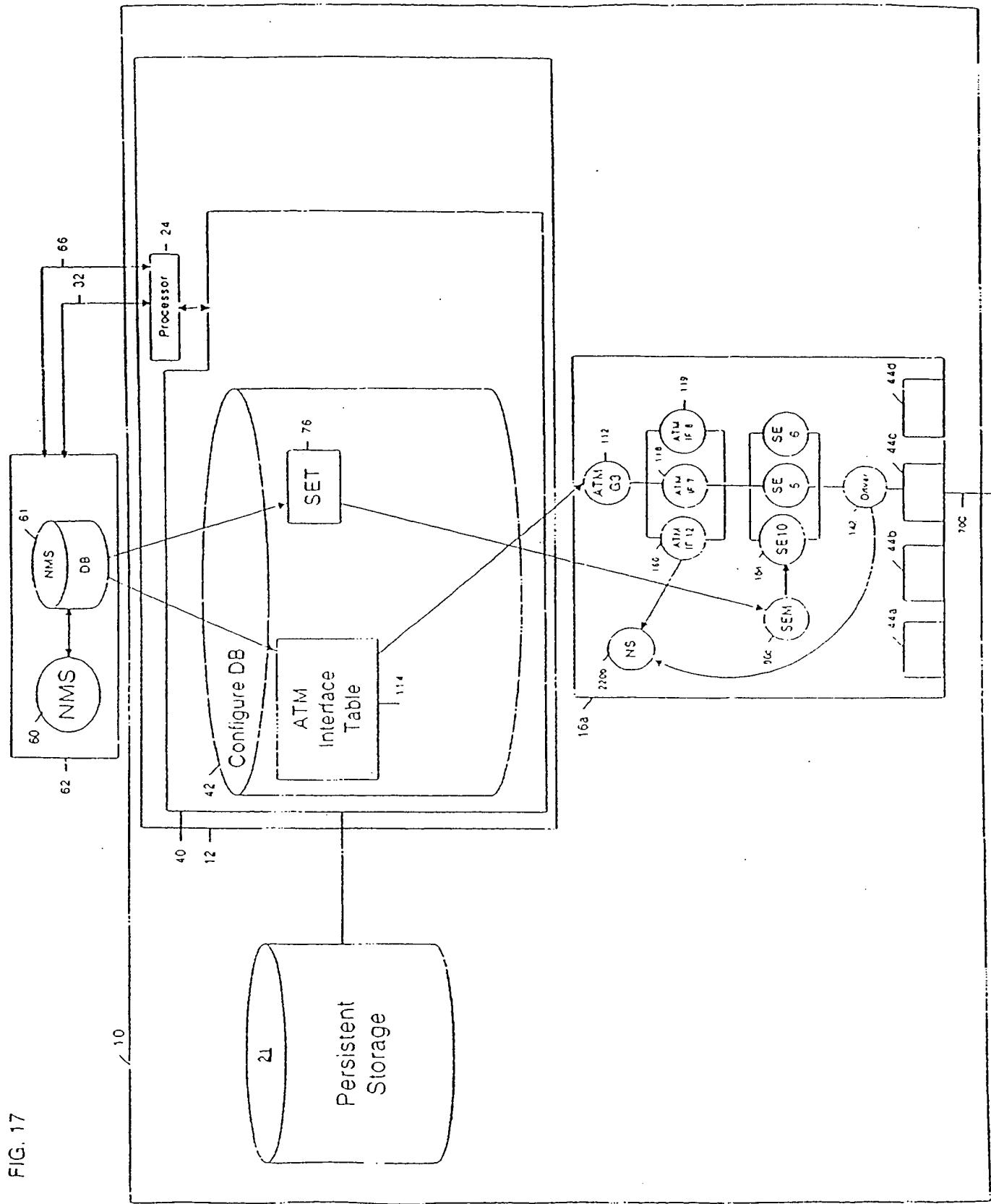


FIG. 18

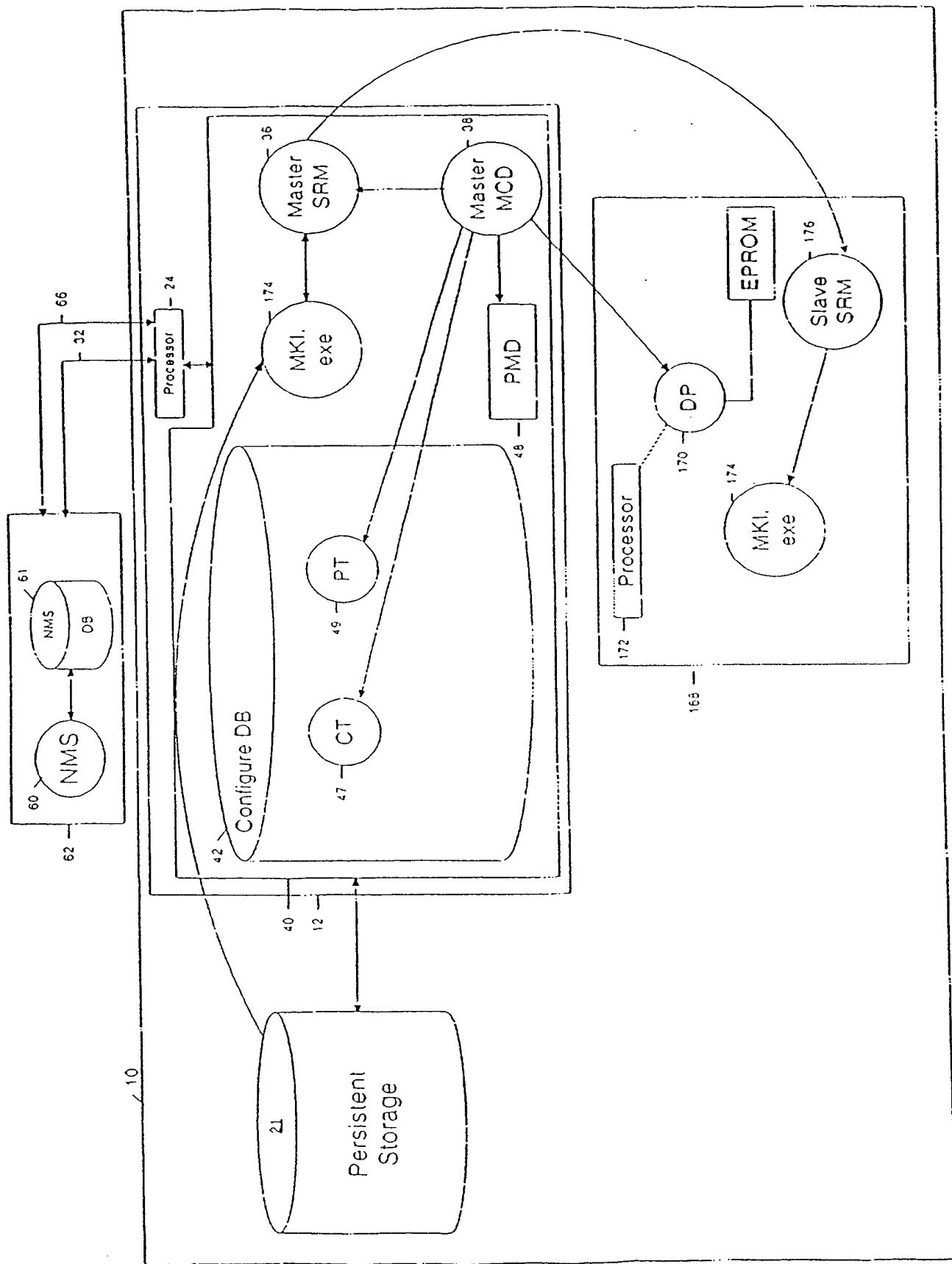


FIG. 19

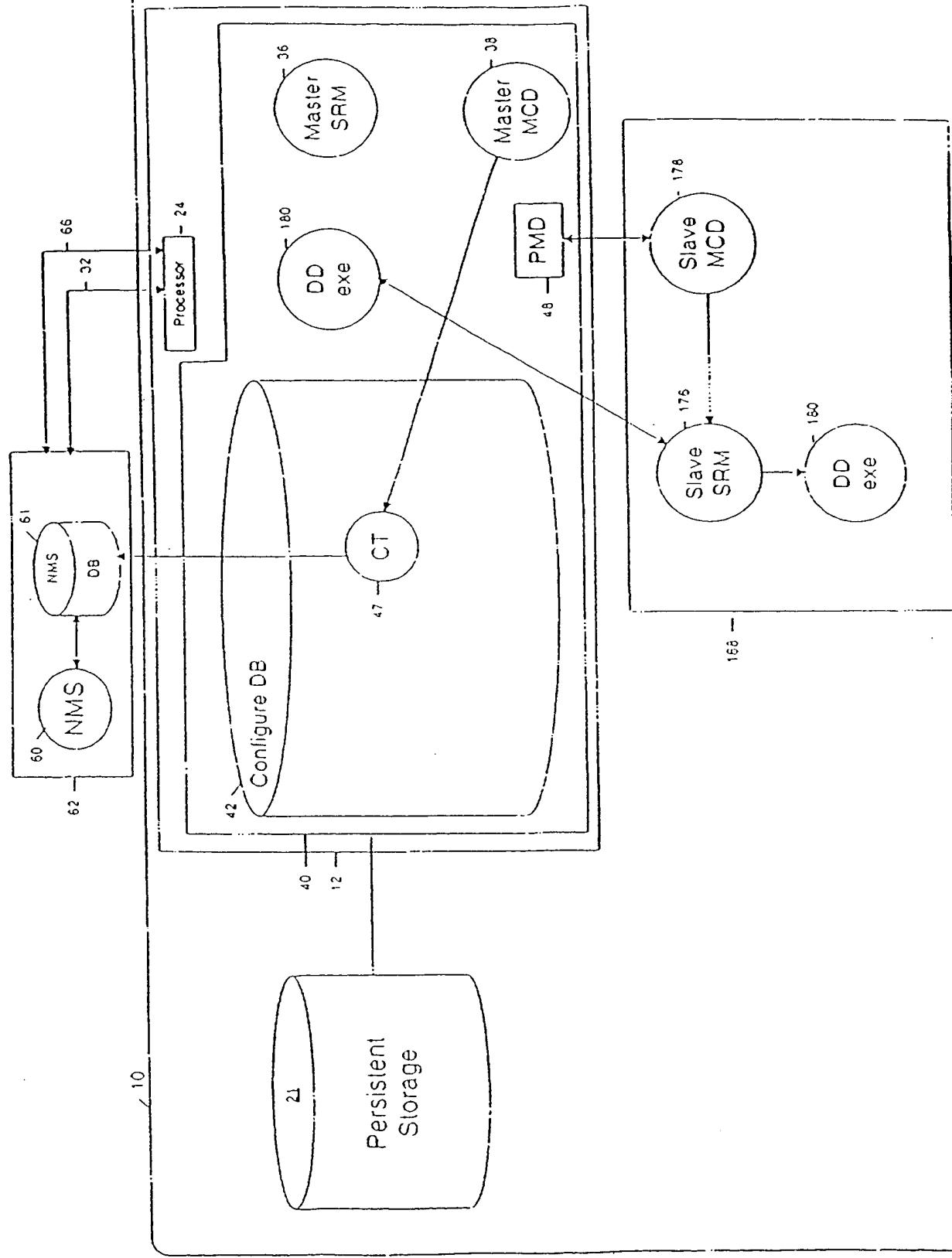


FIG. 20

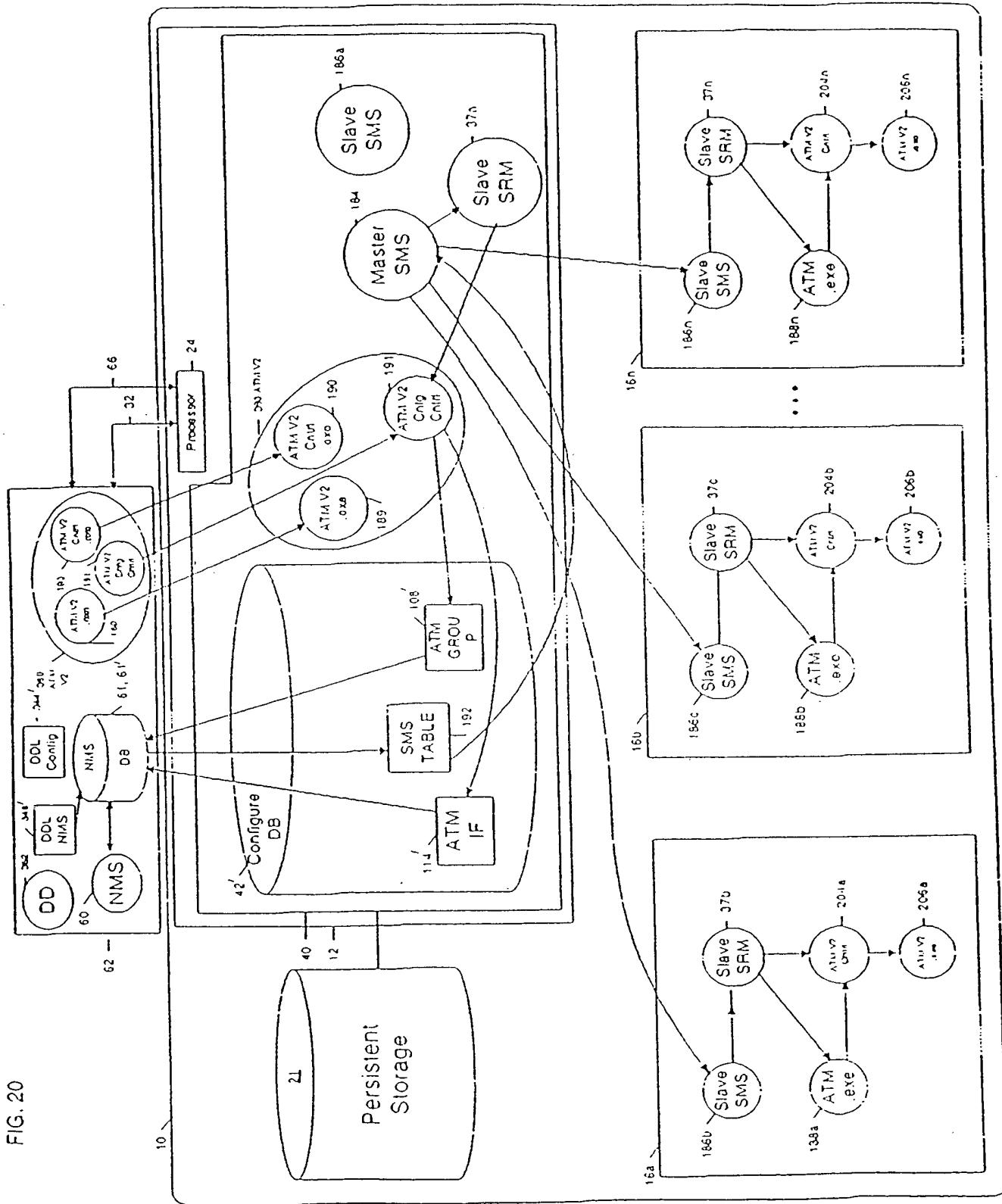
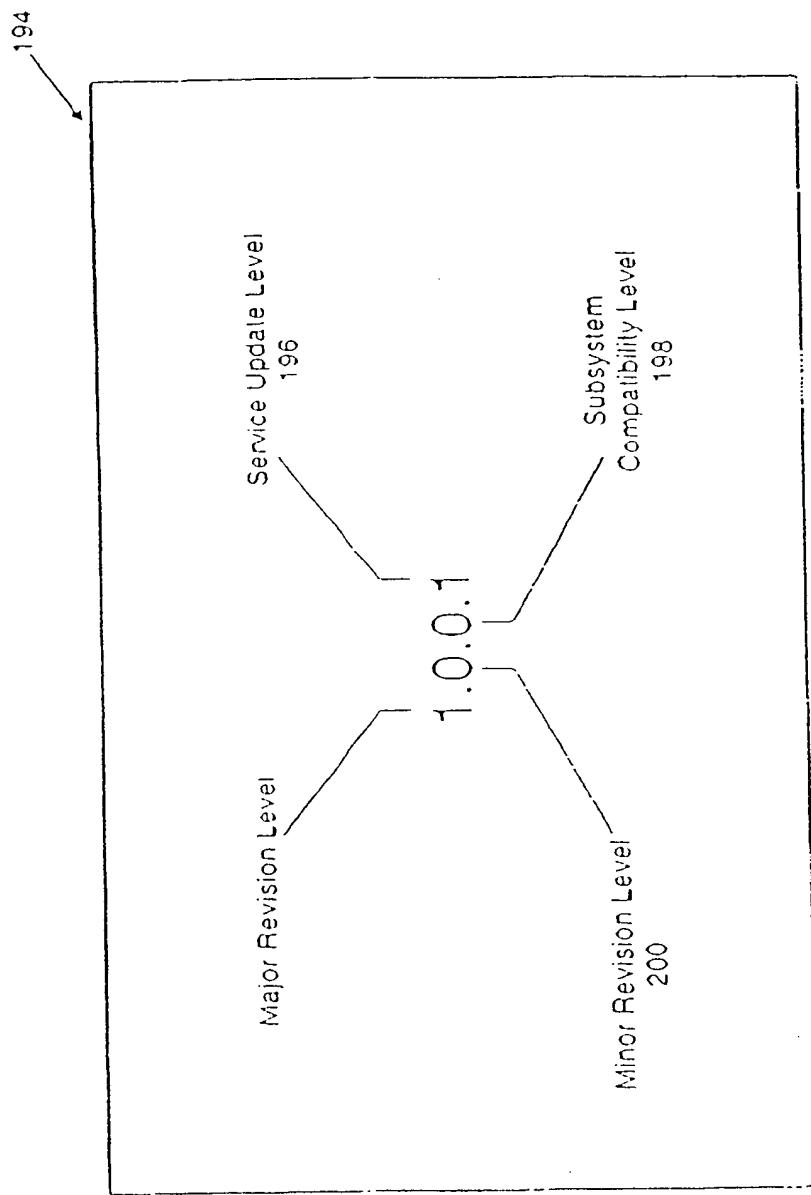


FIG. 21



43047800 000022360

FIG. 22

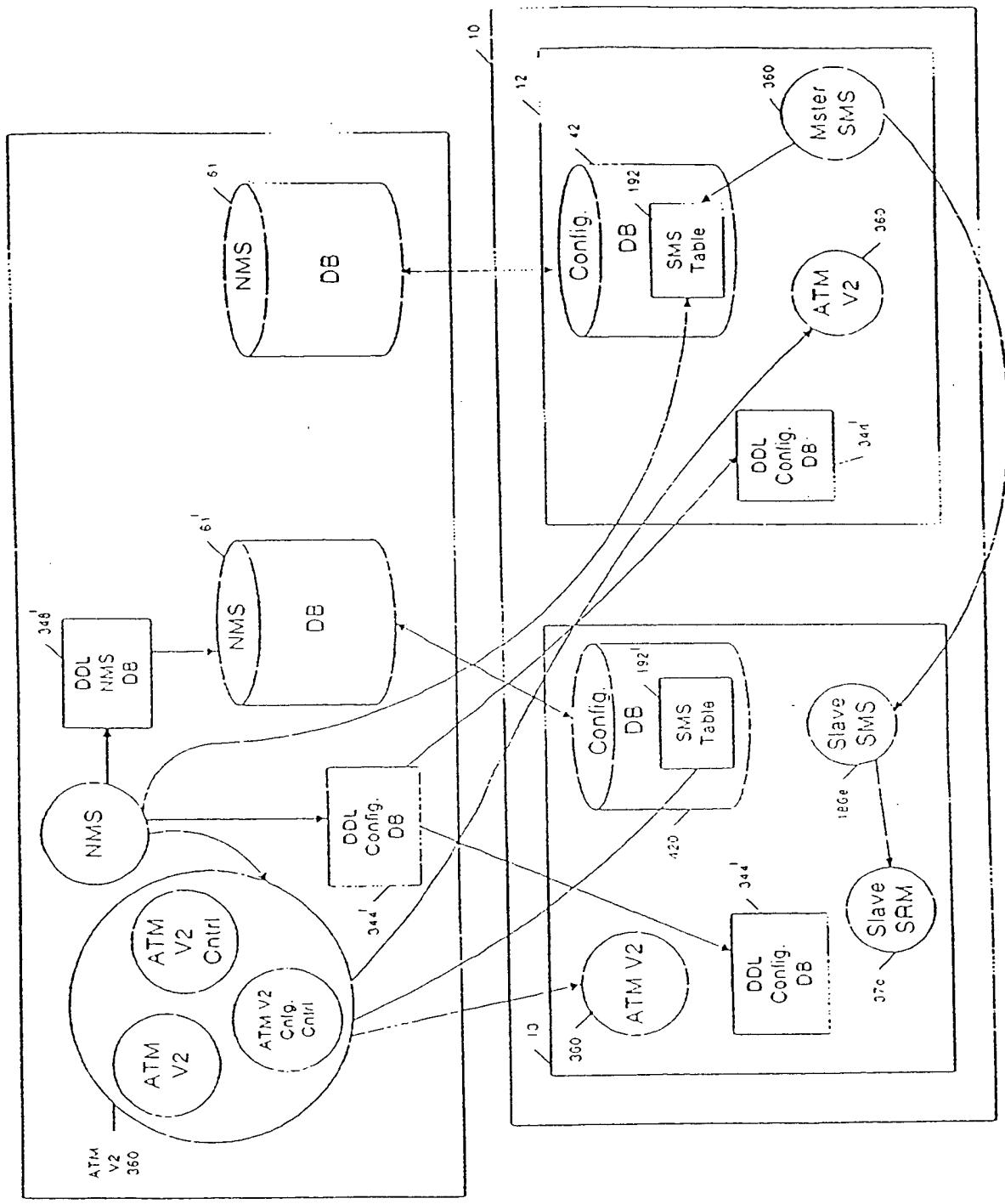


FIG. 23

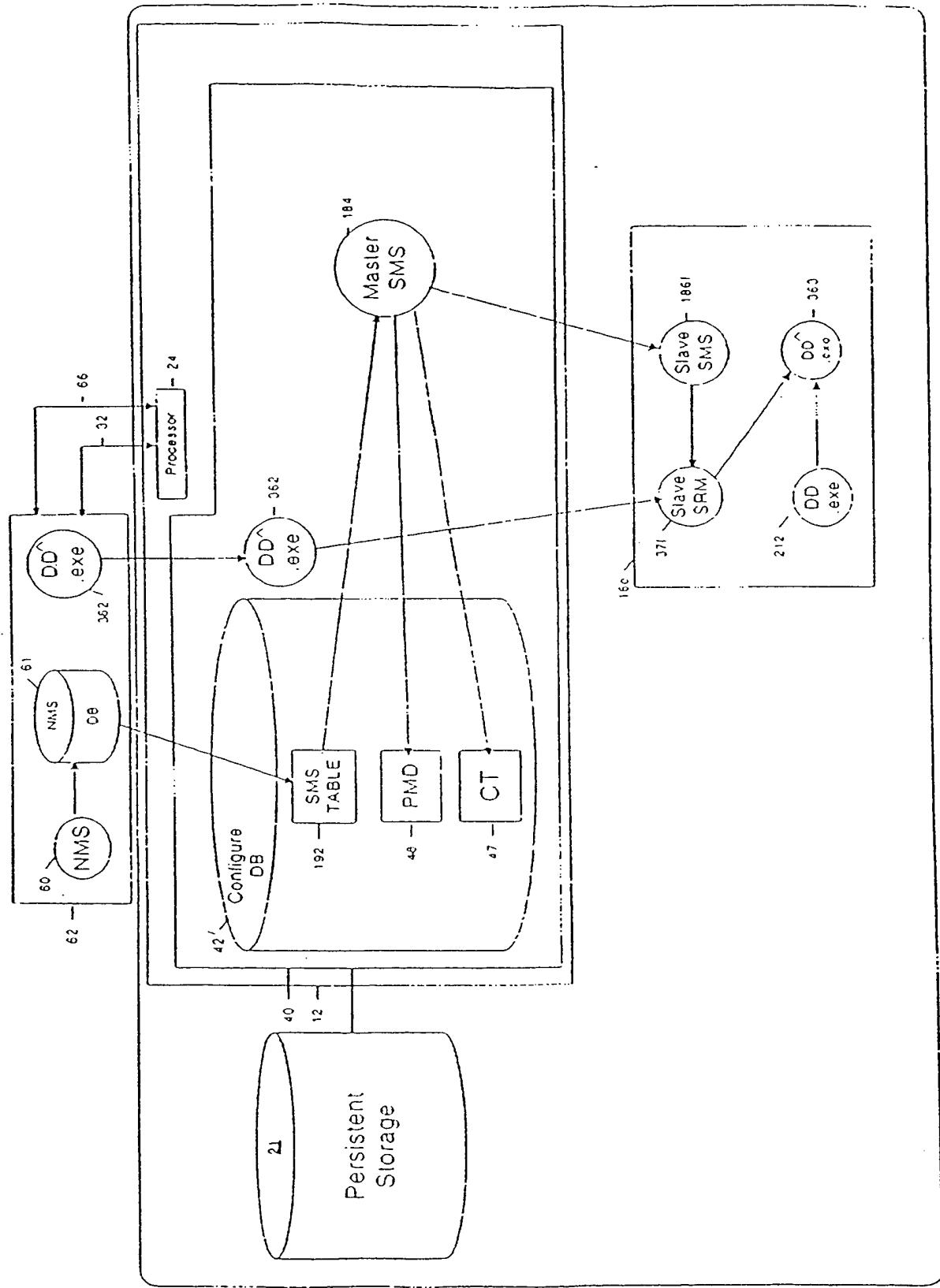


FIG. 24

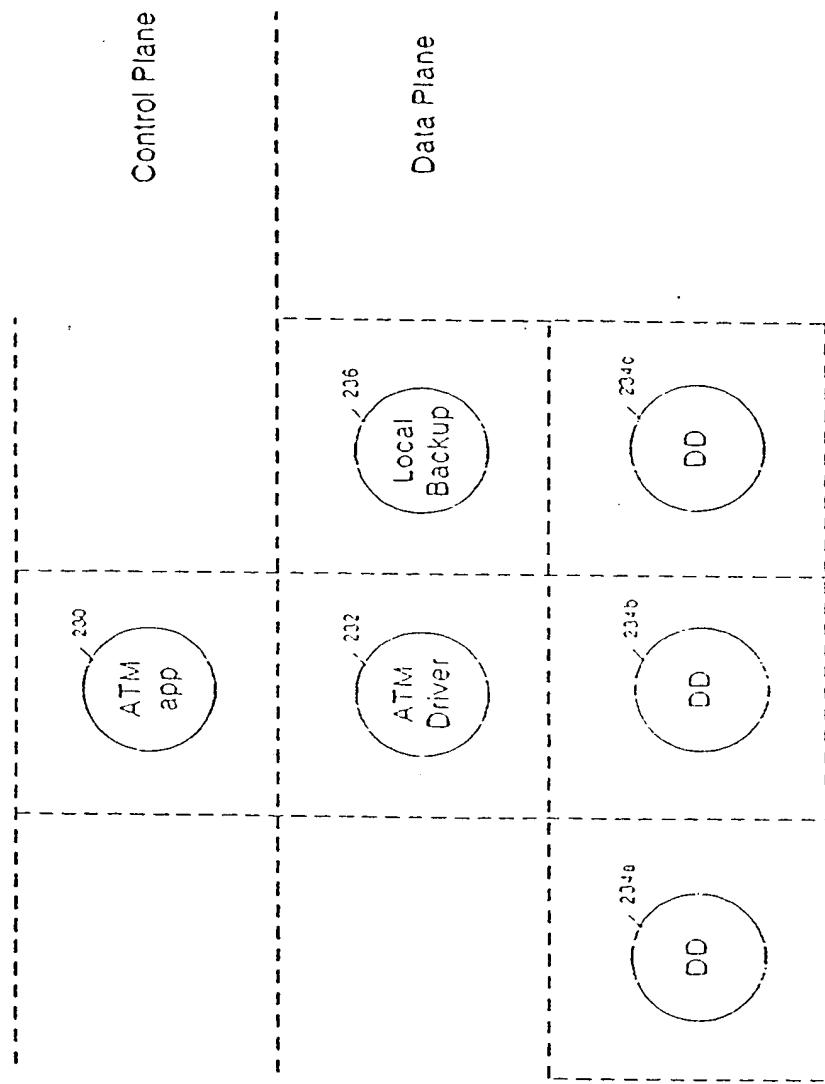


FIG. 25

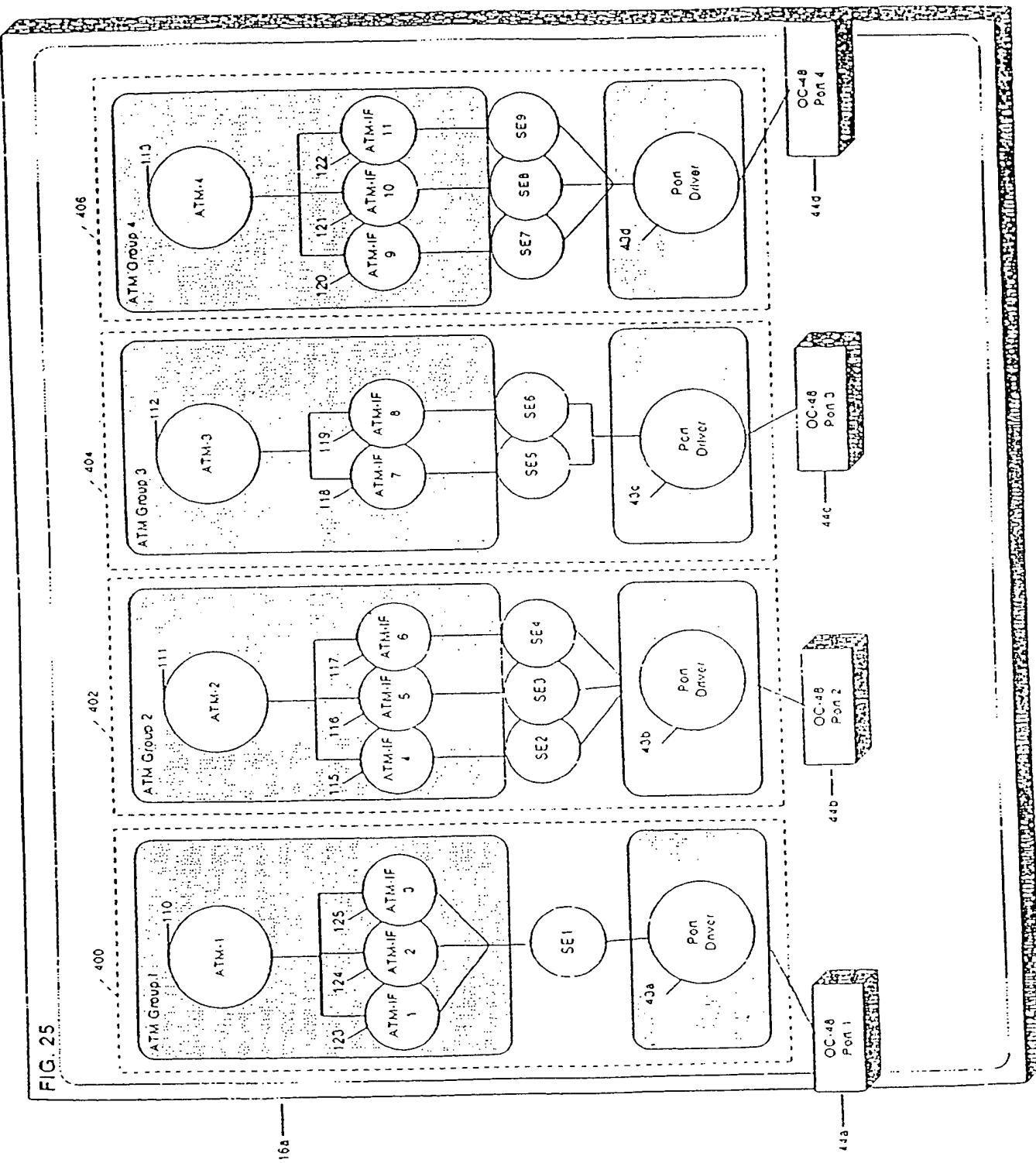


FIG. 26

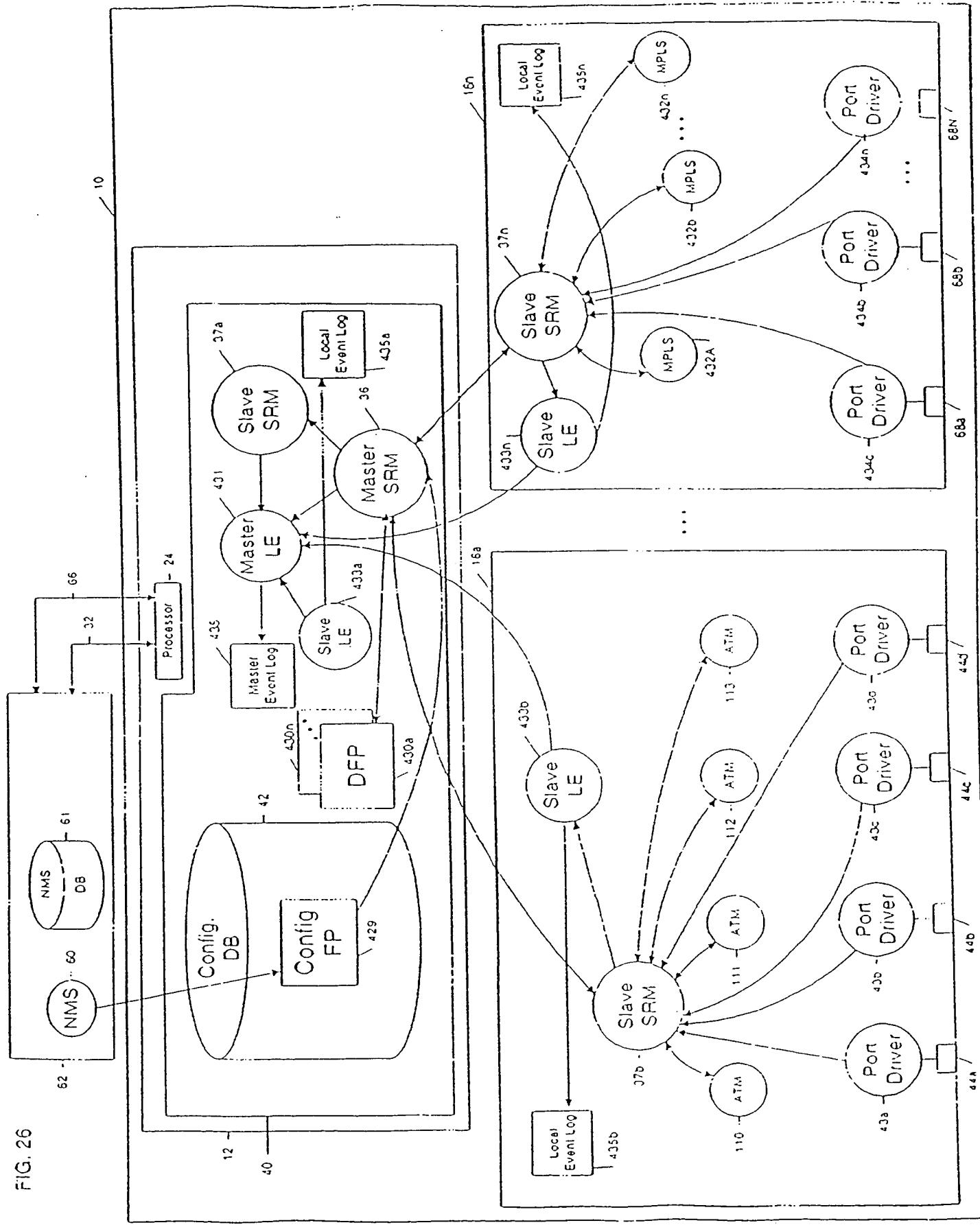
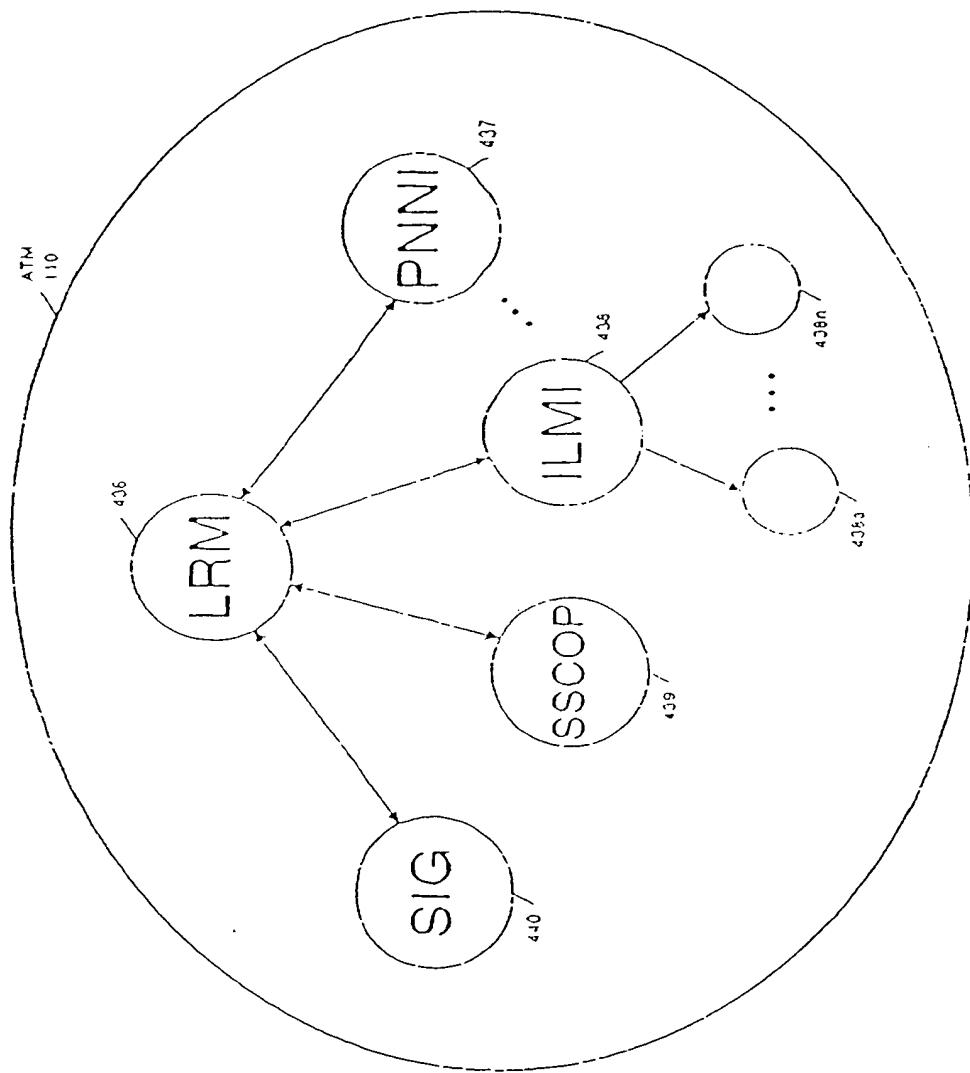


FIG. 27



001720" 002222260

FIG. 28

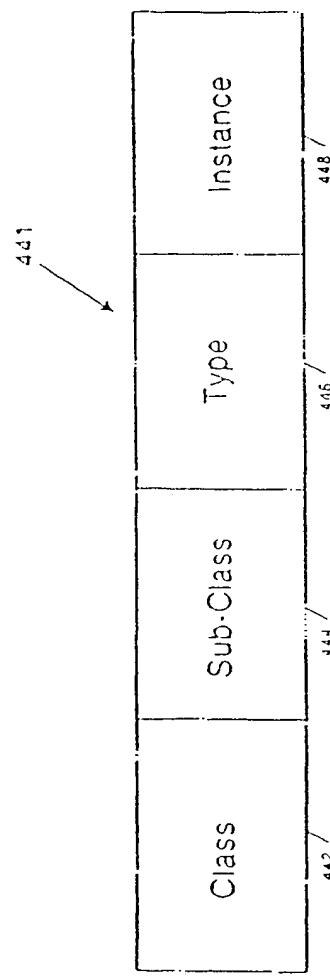


FIG. 29

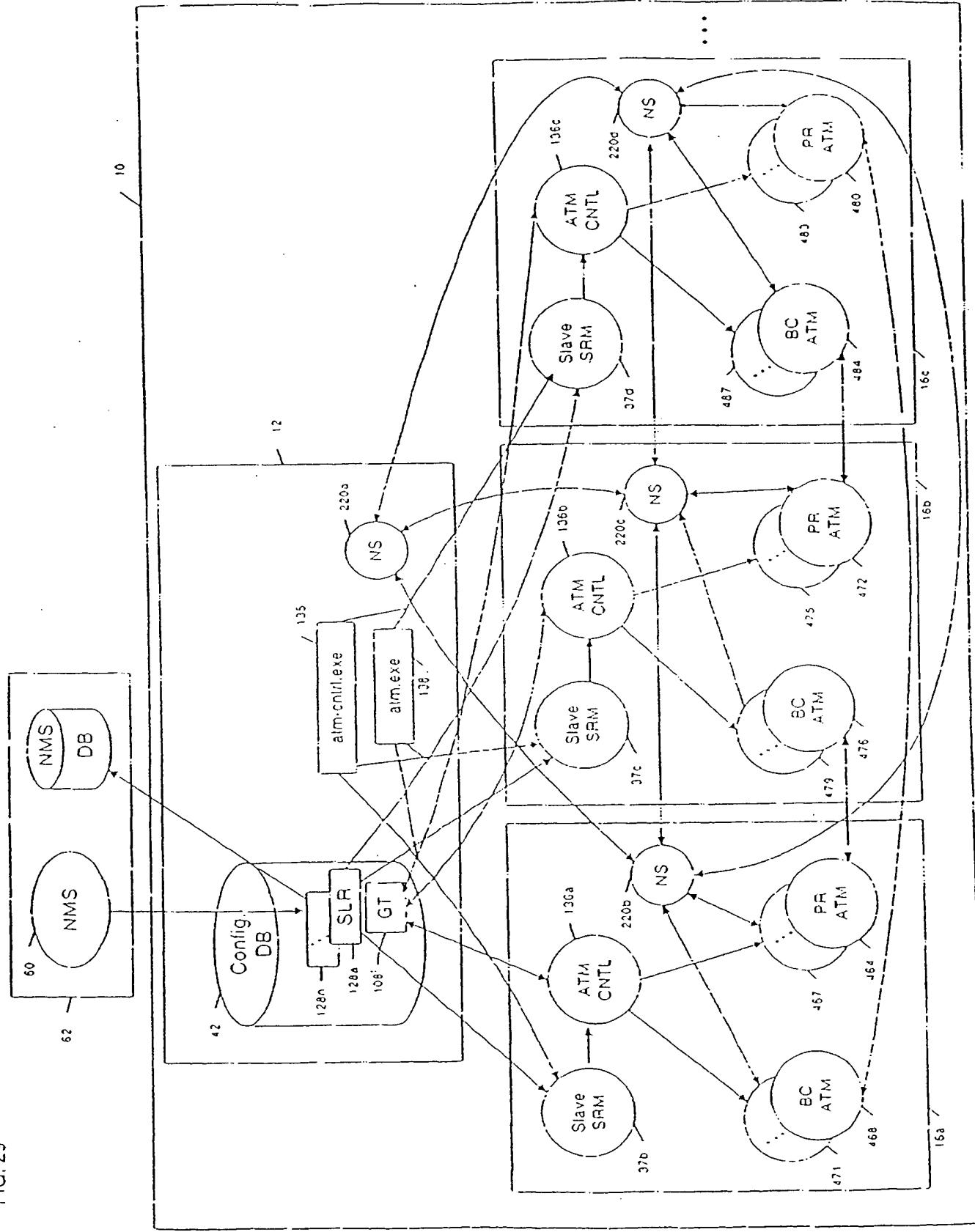


FIG.30

Group Table 108'

	Group #	Primary Card LID	Backup Card LID	...
450	1	30	31	
451	2	30	31	
452	3	30	31	
453	4	30	31	
454	5	31	32	
455	6	31	32	
456	7	31	32	
457	8	31	32	
458	9	32	30	
459	10	32	30	
460	11	32	30	
461	12	32	30	
	:	:	:	:
	:	:	:	:

Fig. 31a

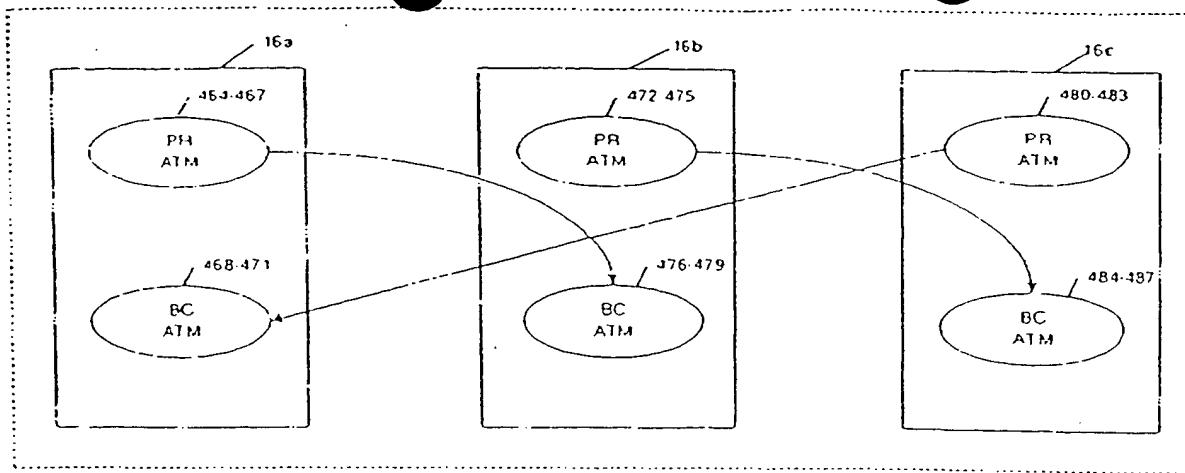


Fig. 31b

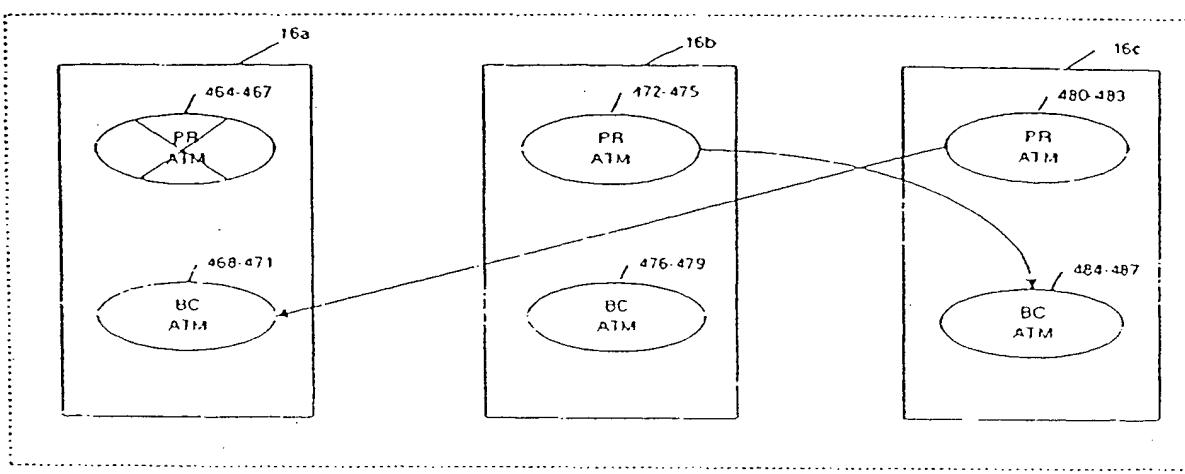


Fig. 31c

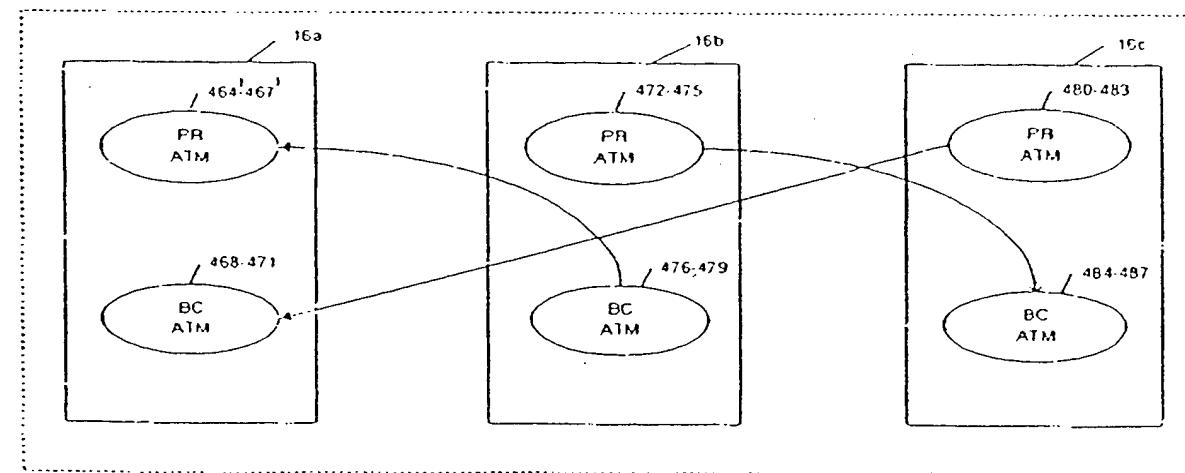


Fig. 32a

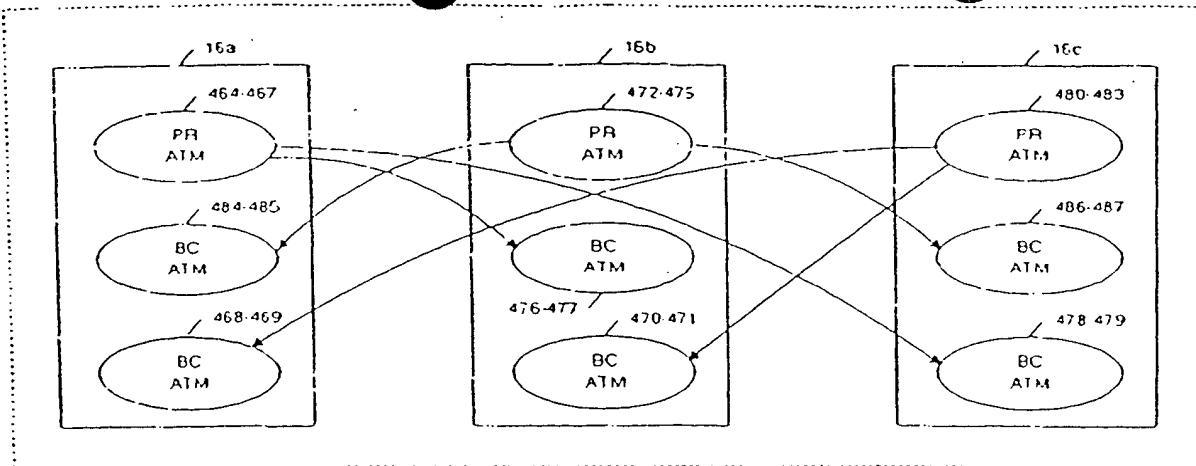


Fig. 32b

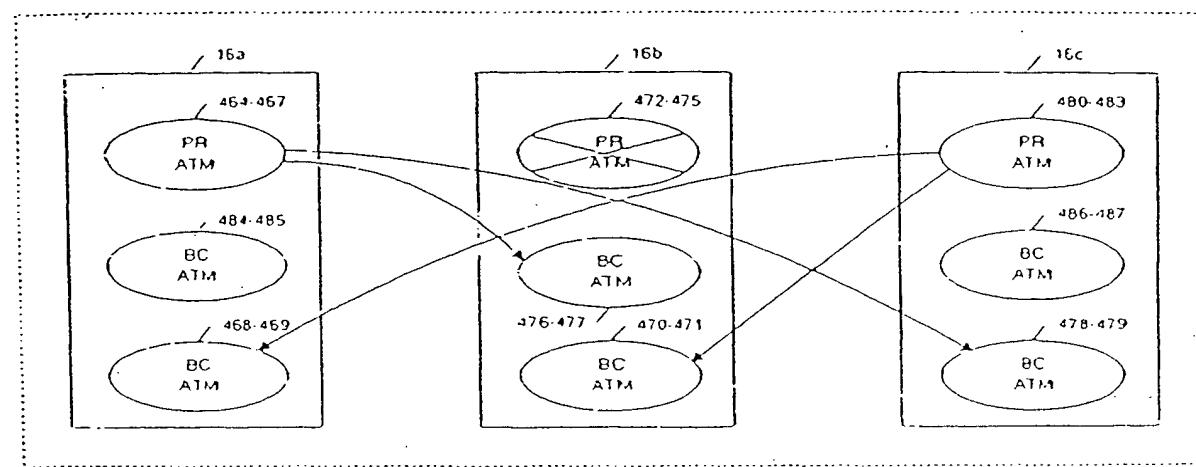


Fig. 32c

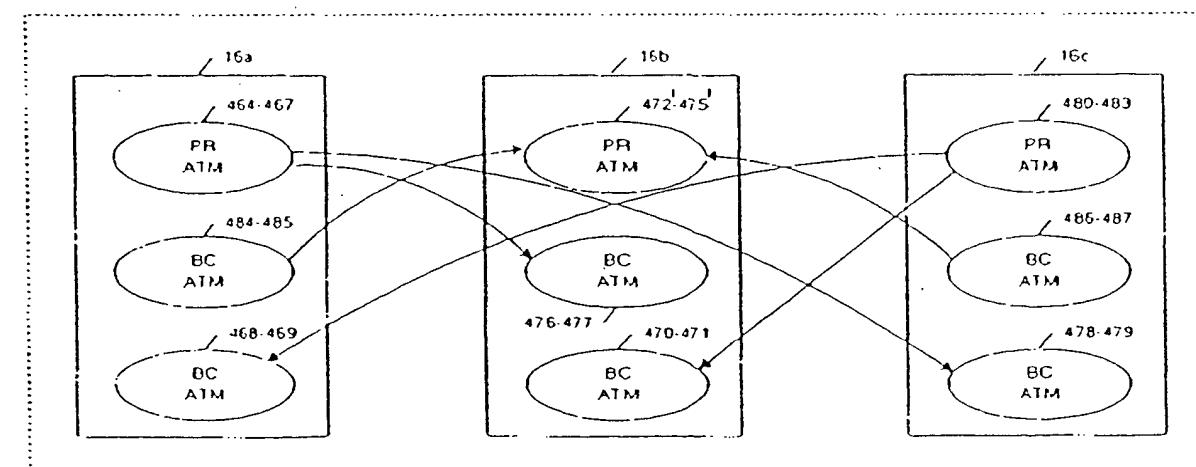


FIG. 33a

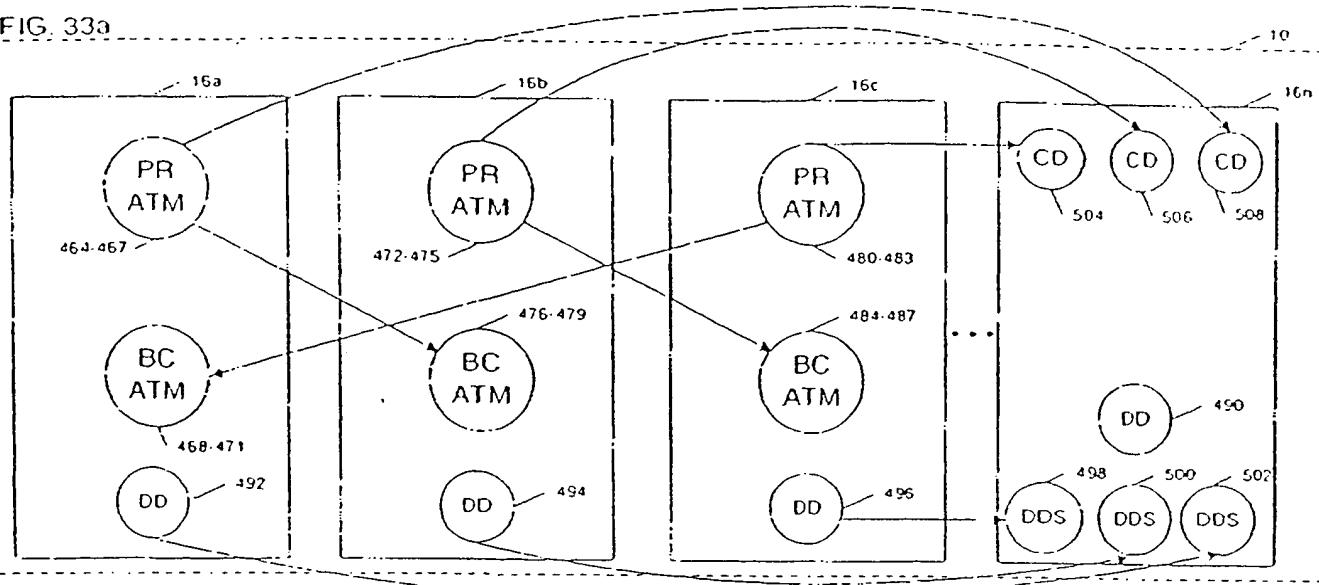


FIG. 33b

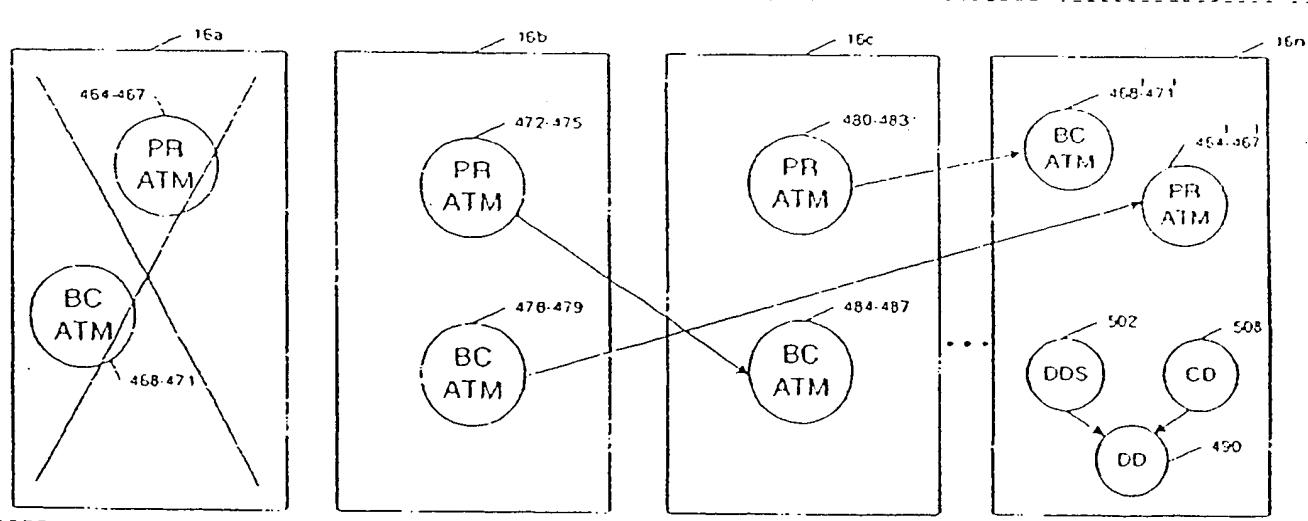


FIG. 33c

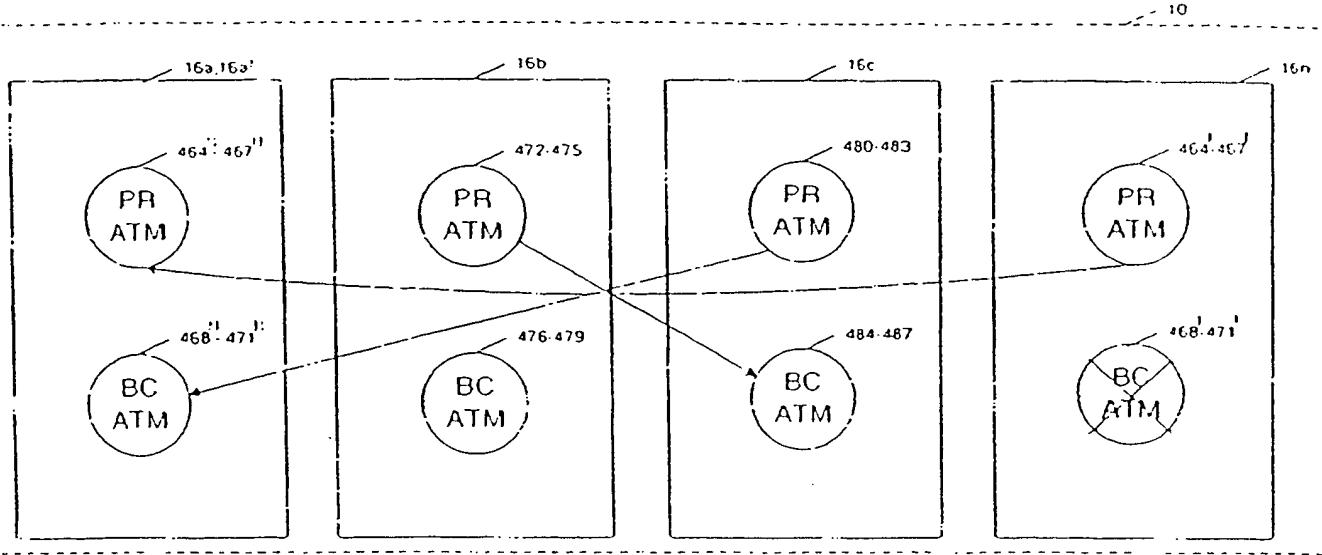


FIG. 33d

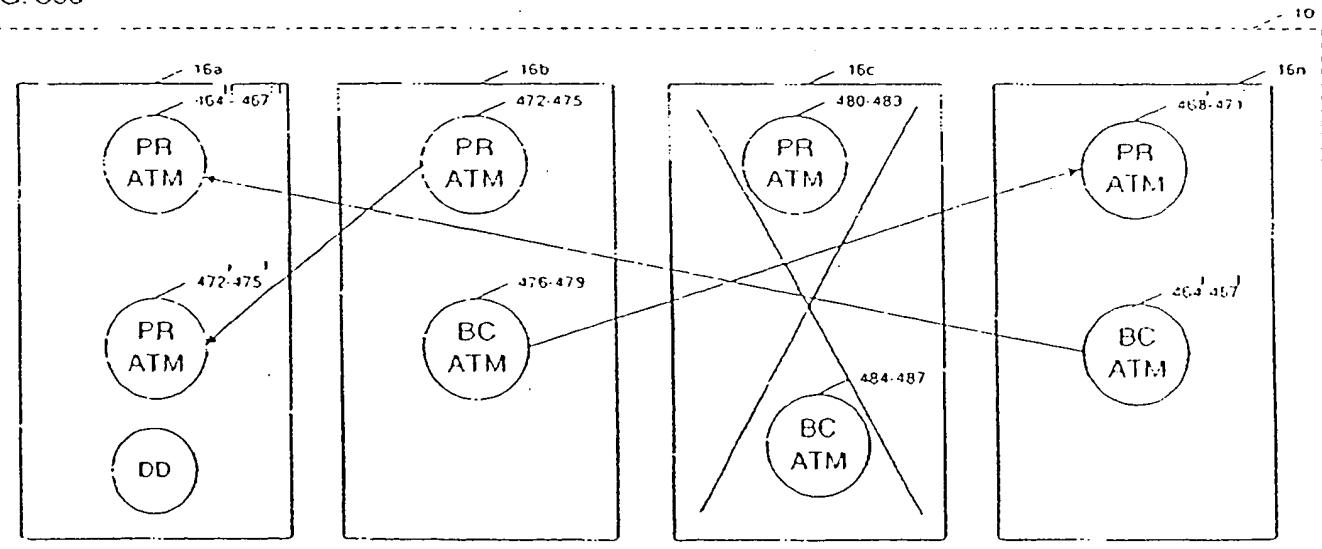


Fig. 34a

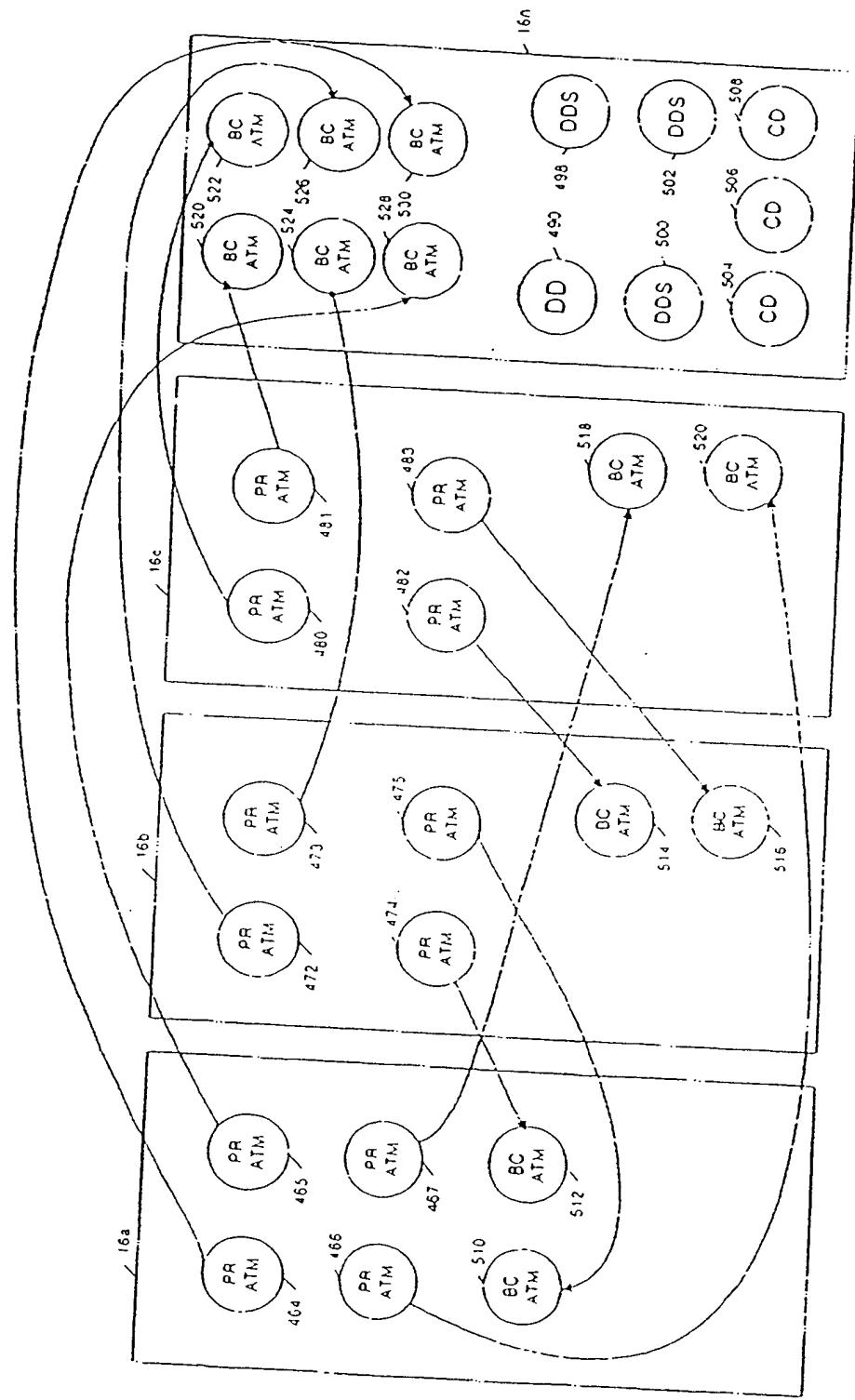


FIG. 34b

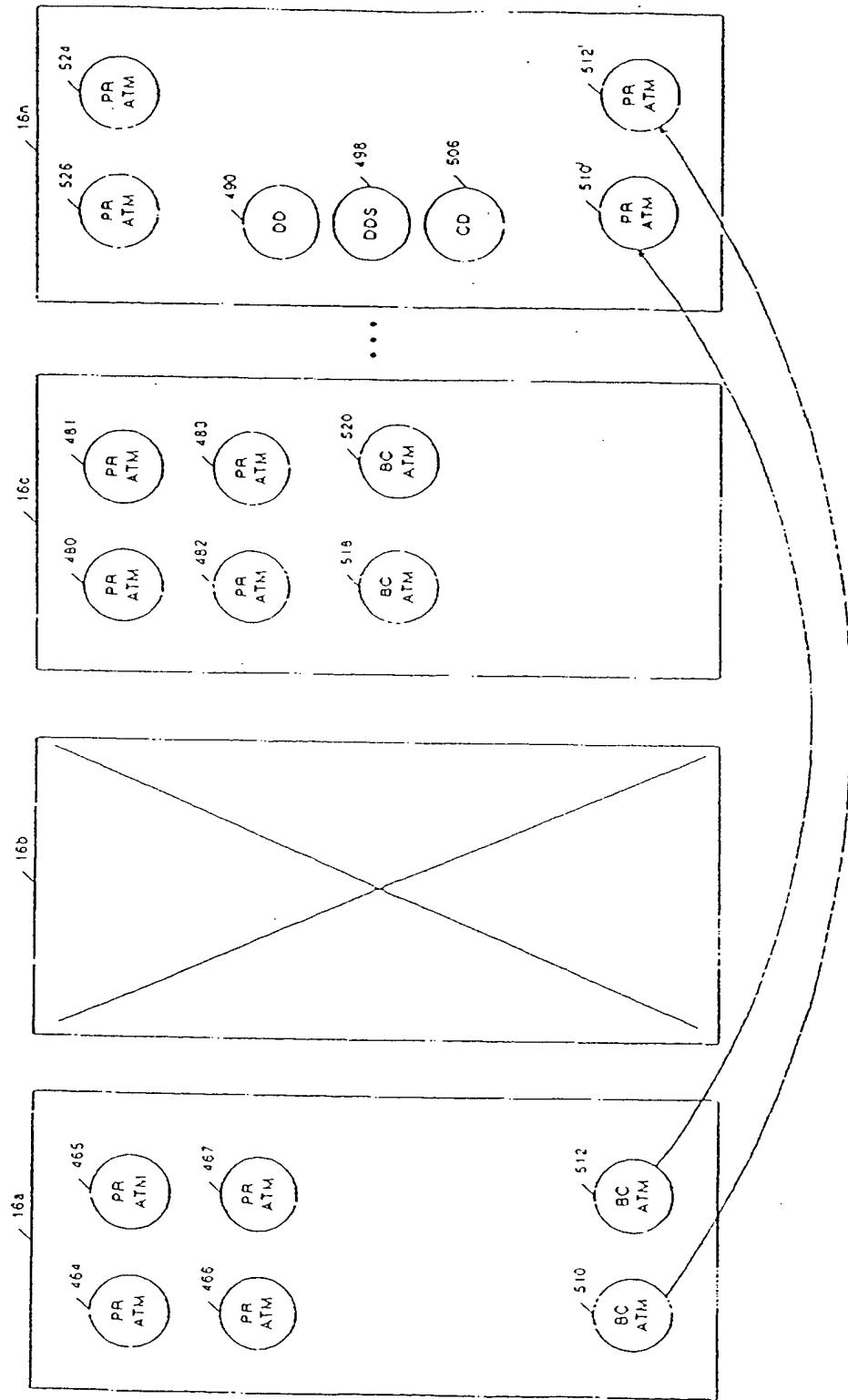


FIG. 35

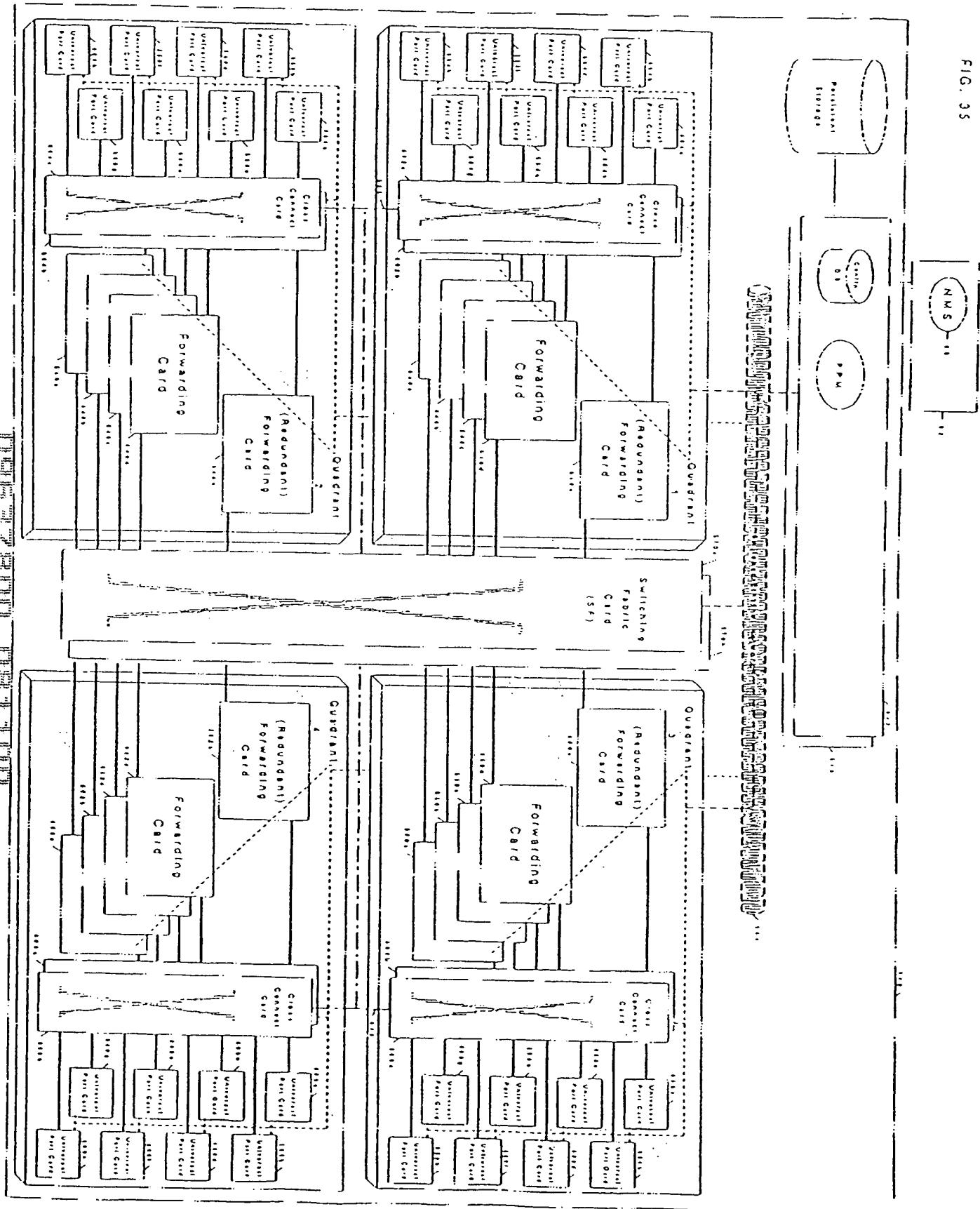


FIG. 36

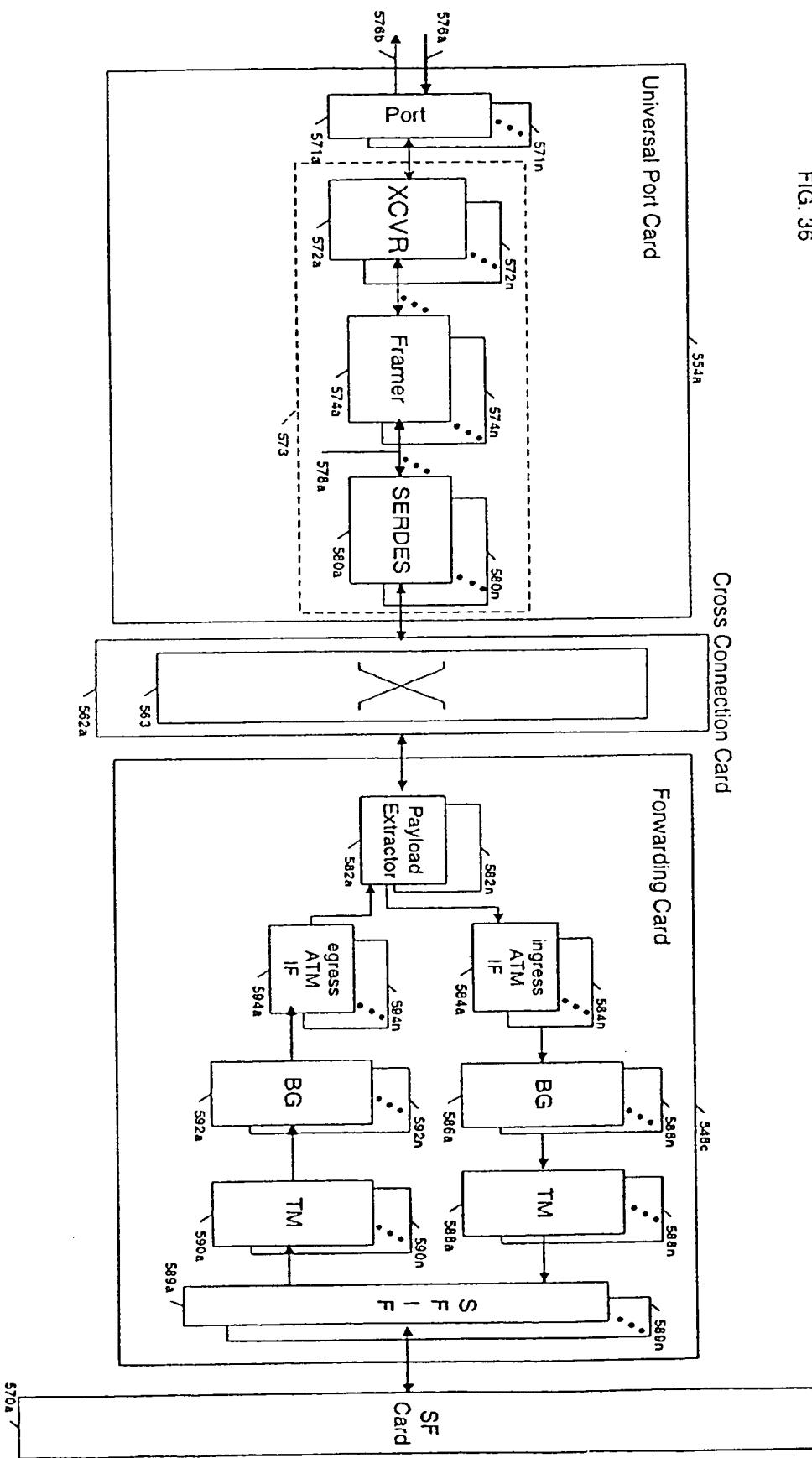


FIG. 37

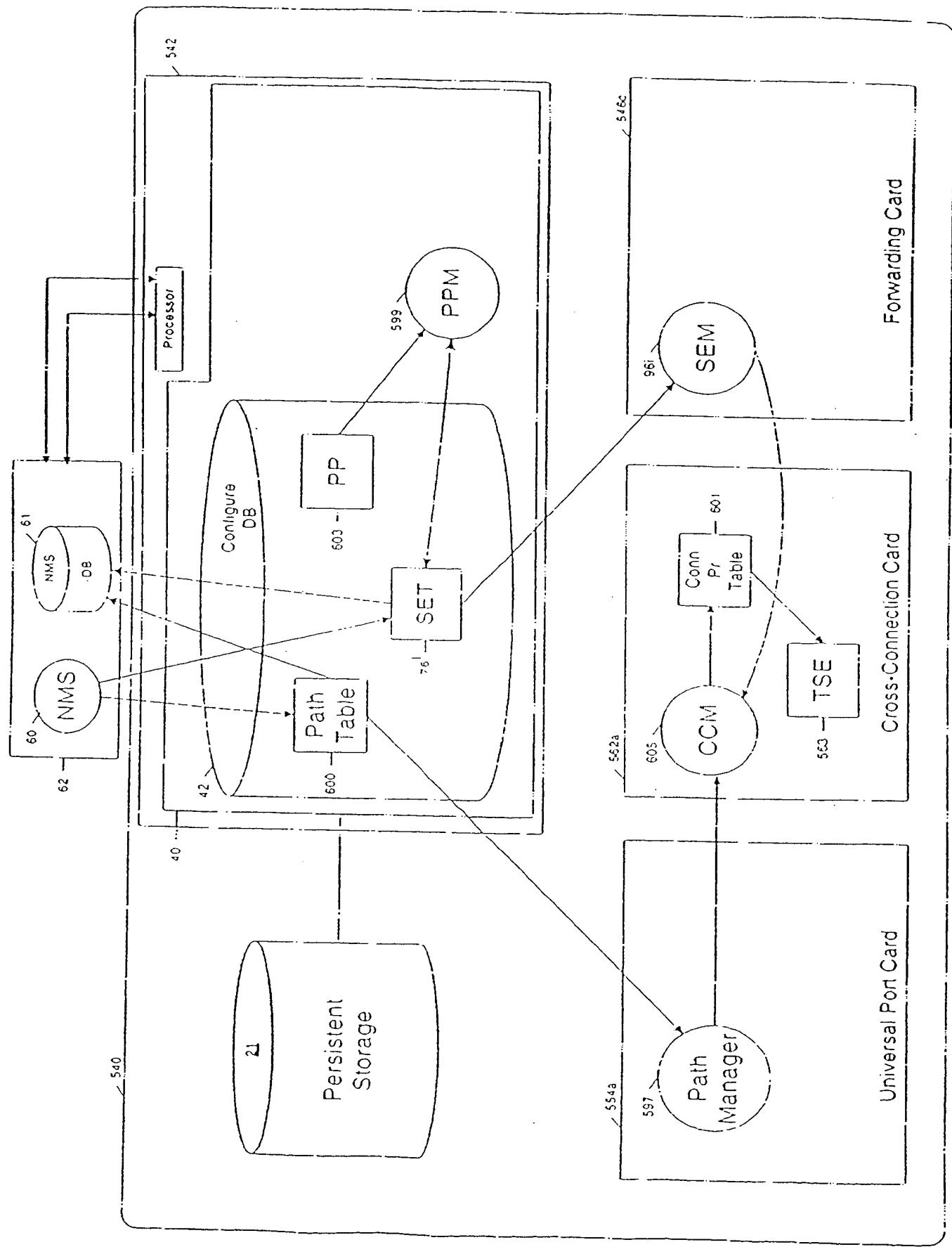


FIG. 38

Path Table 600



Path LID	UP Port LID	Time Slot	# of Time Slots	...
1666	1231	4	3	
...
...

FIG. 39

Service End Point Table 76'

The diagram illustrates a table structure for Service End Points. The table has 4 rows and 5 columns. The columns are labeled as follows: SE #, Q #, FC LID, FC Slice, FC Time Slot, and Path PID. The rows are labeled with numbers: 604, 878, and three ellipses (..., ..., ...). The table is annotated with arrows and labels: an arrow points from the label '604' to the first row; arrows point from the labels '606', '608', and '610' to the first three rows respectively; and three ellipses are placed above the last row.

SE #	Q #	FC LID	FC Slice	FC Time Slot	Path PID
604					
878	1				1666
...

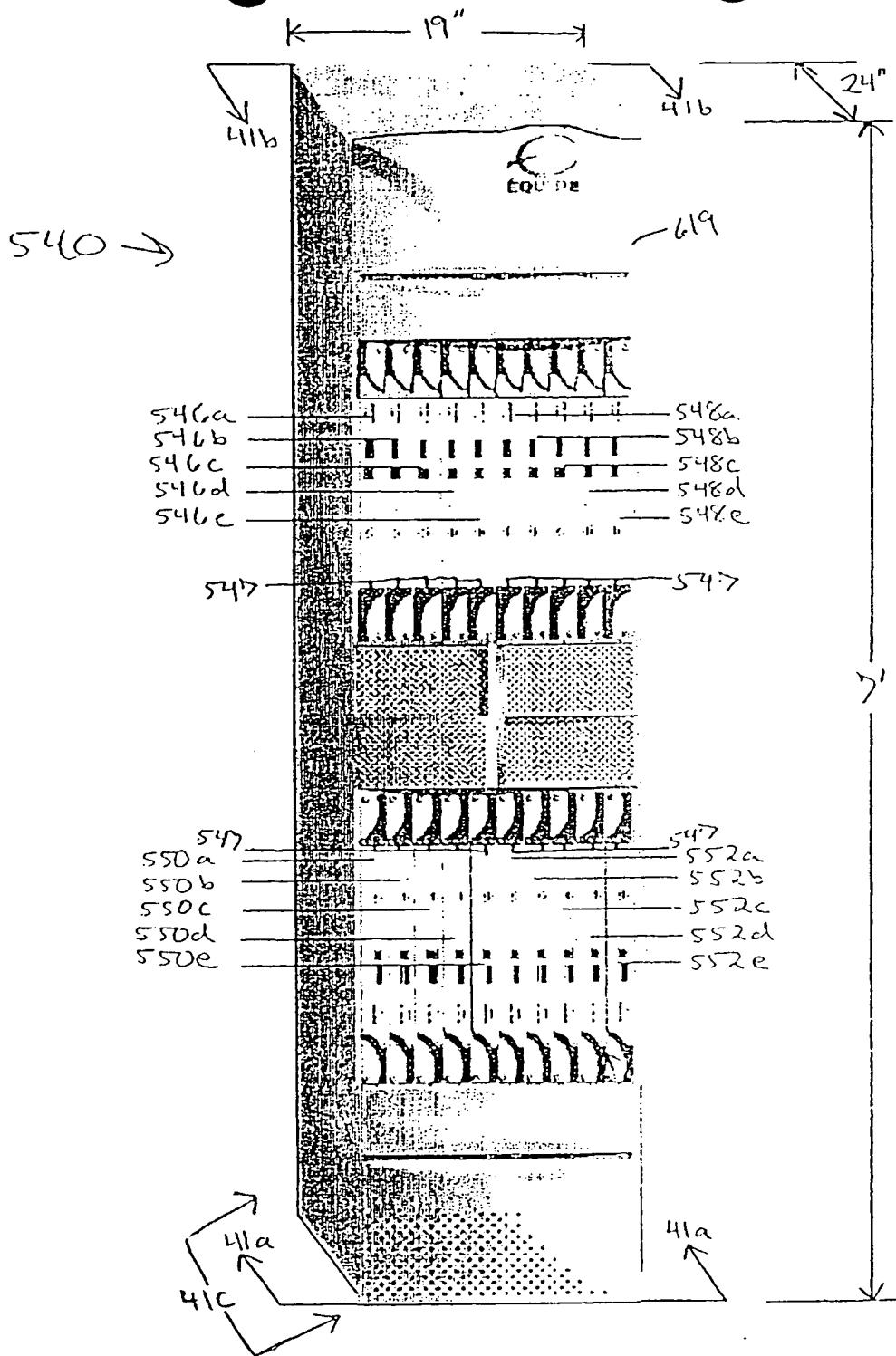


Fig. 40

FIG. 41a
Front

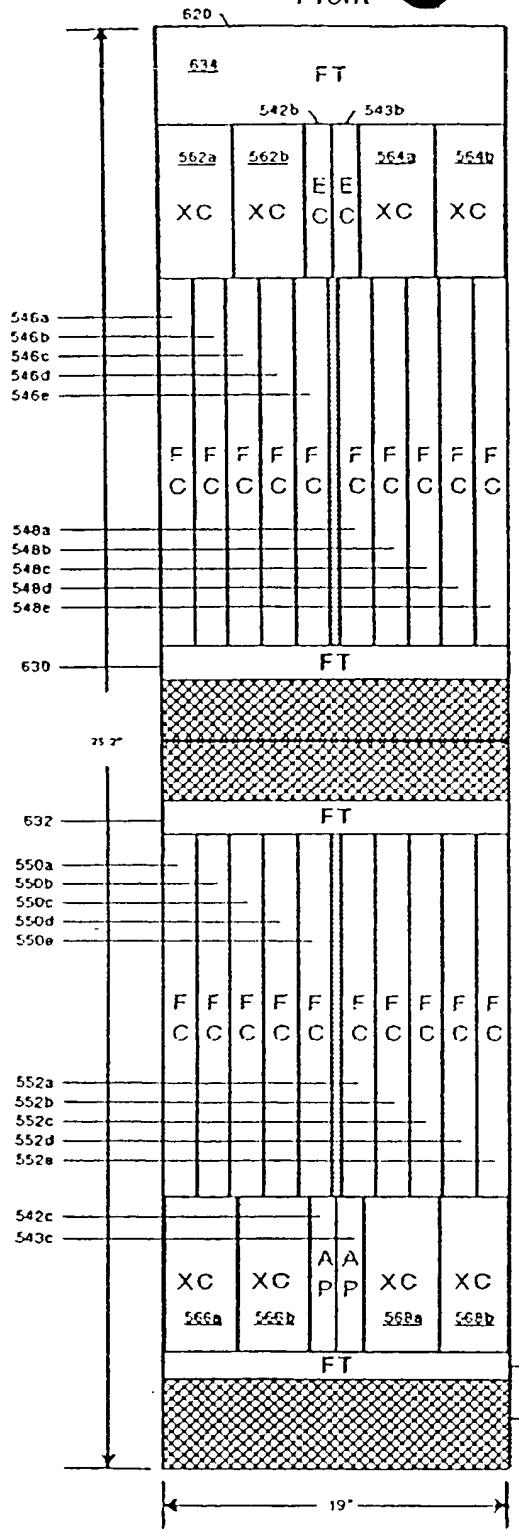


FIG. 4
Back

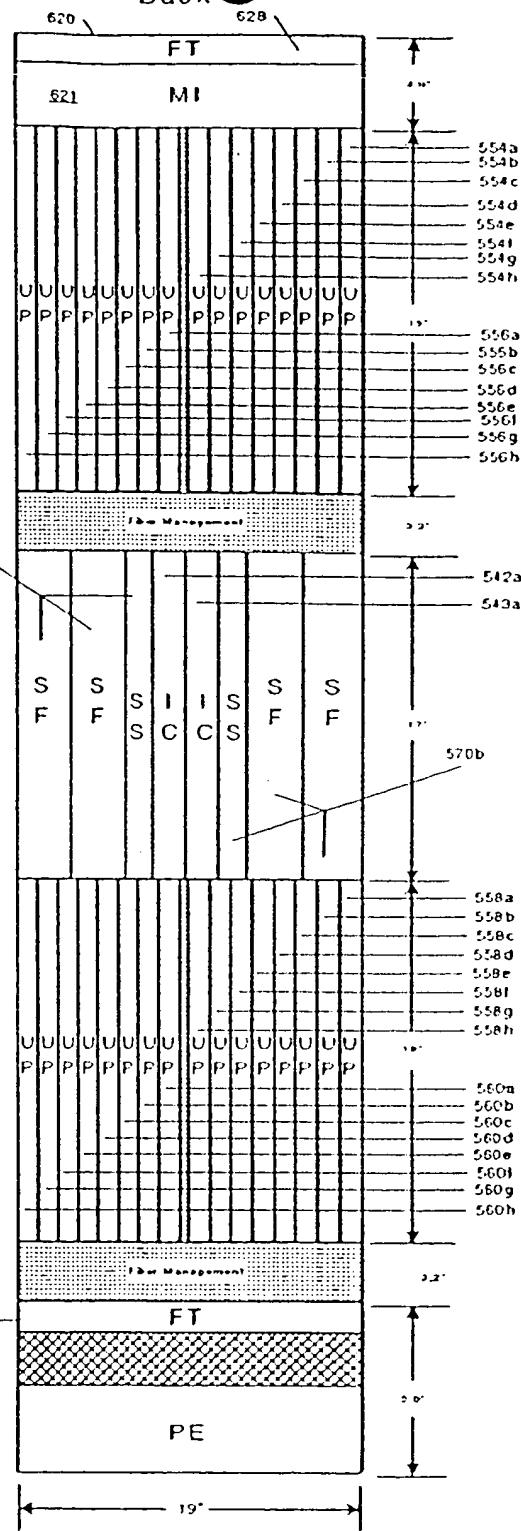


FIG. 41c

Side

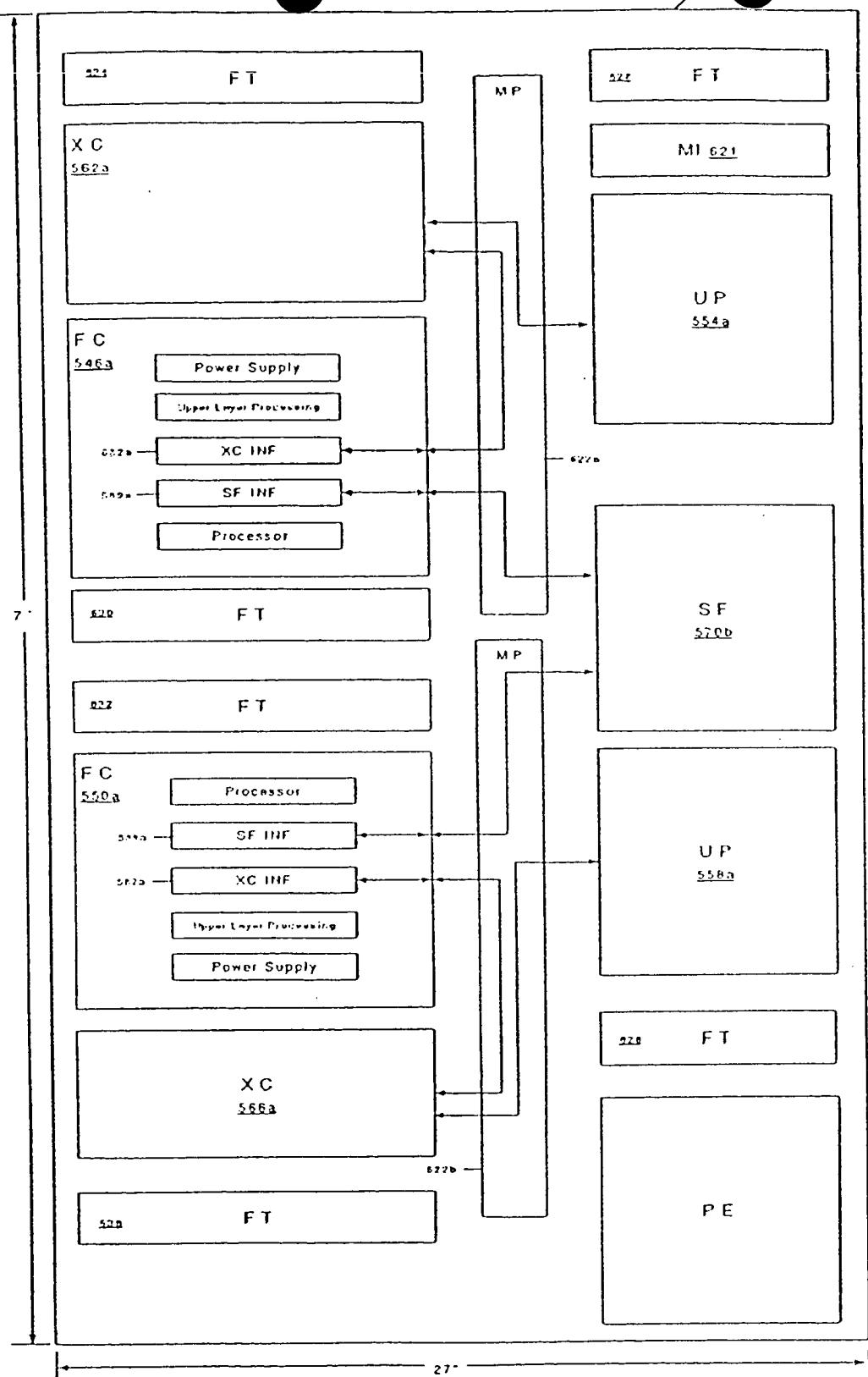


FIG. 42

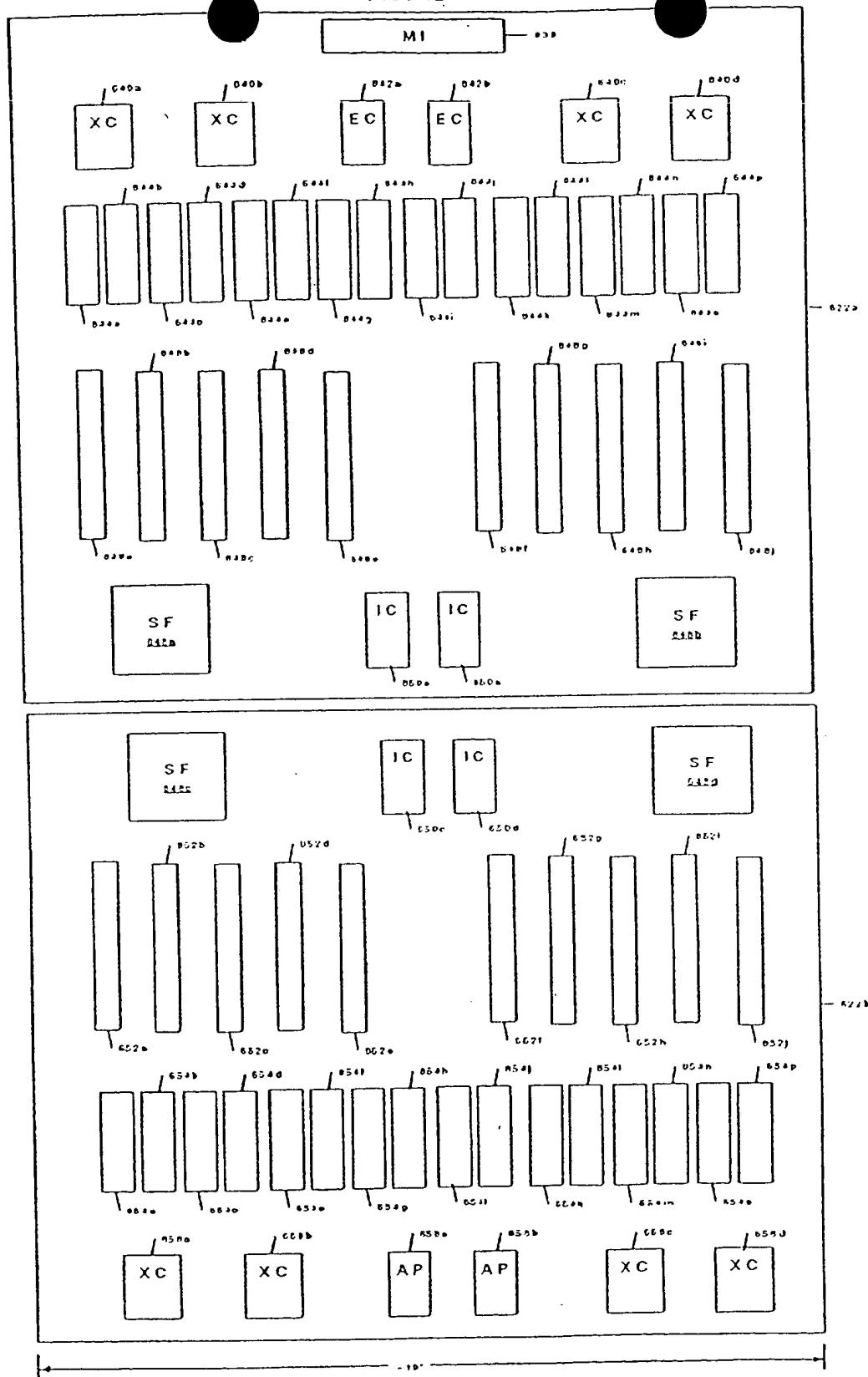
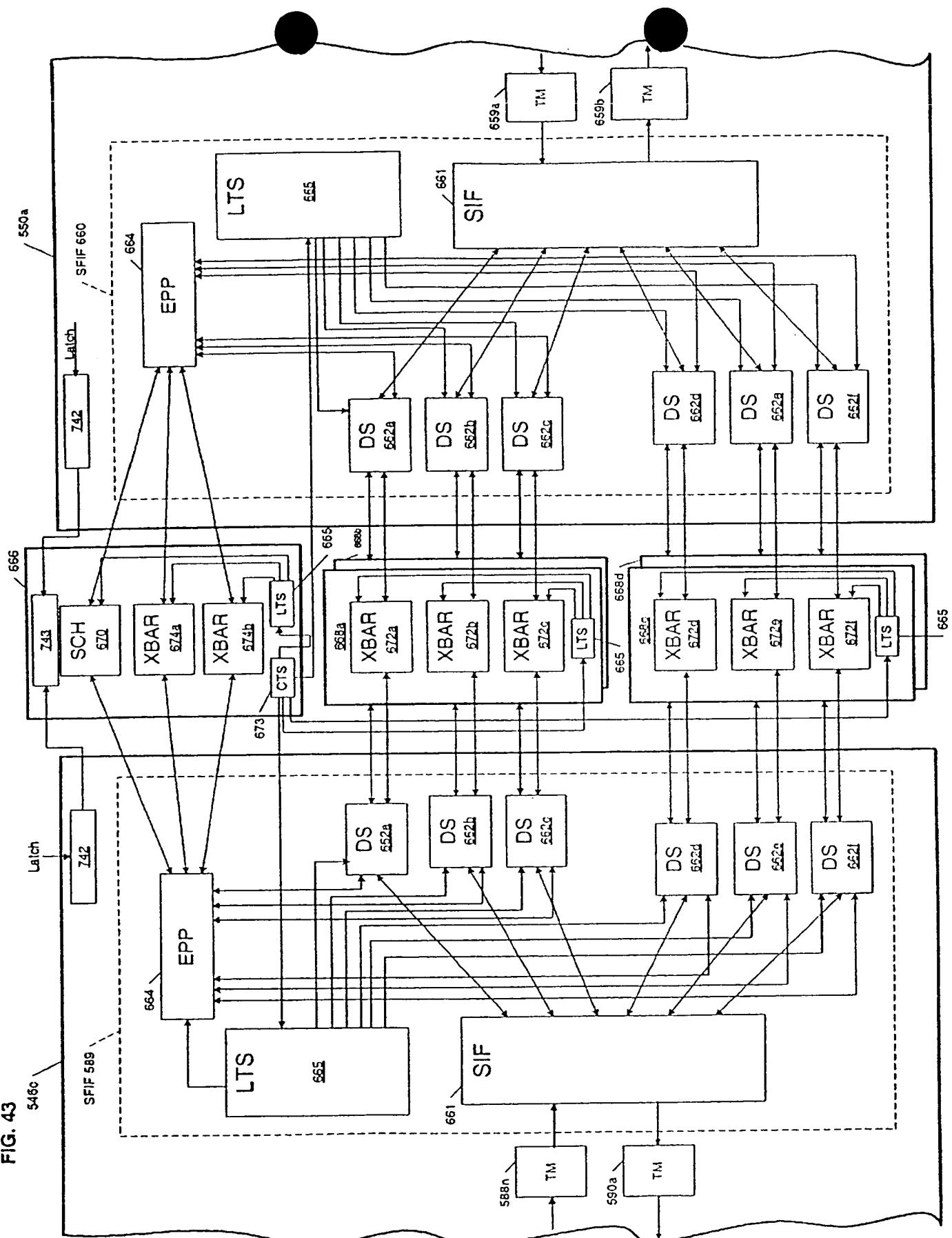


FIG. 43



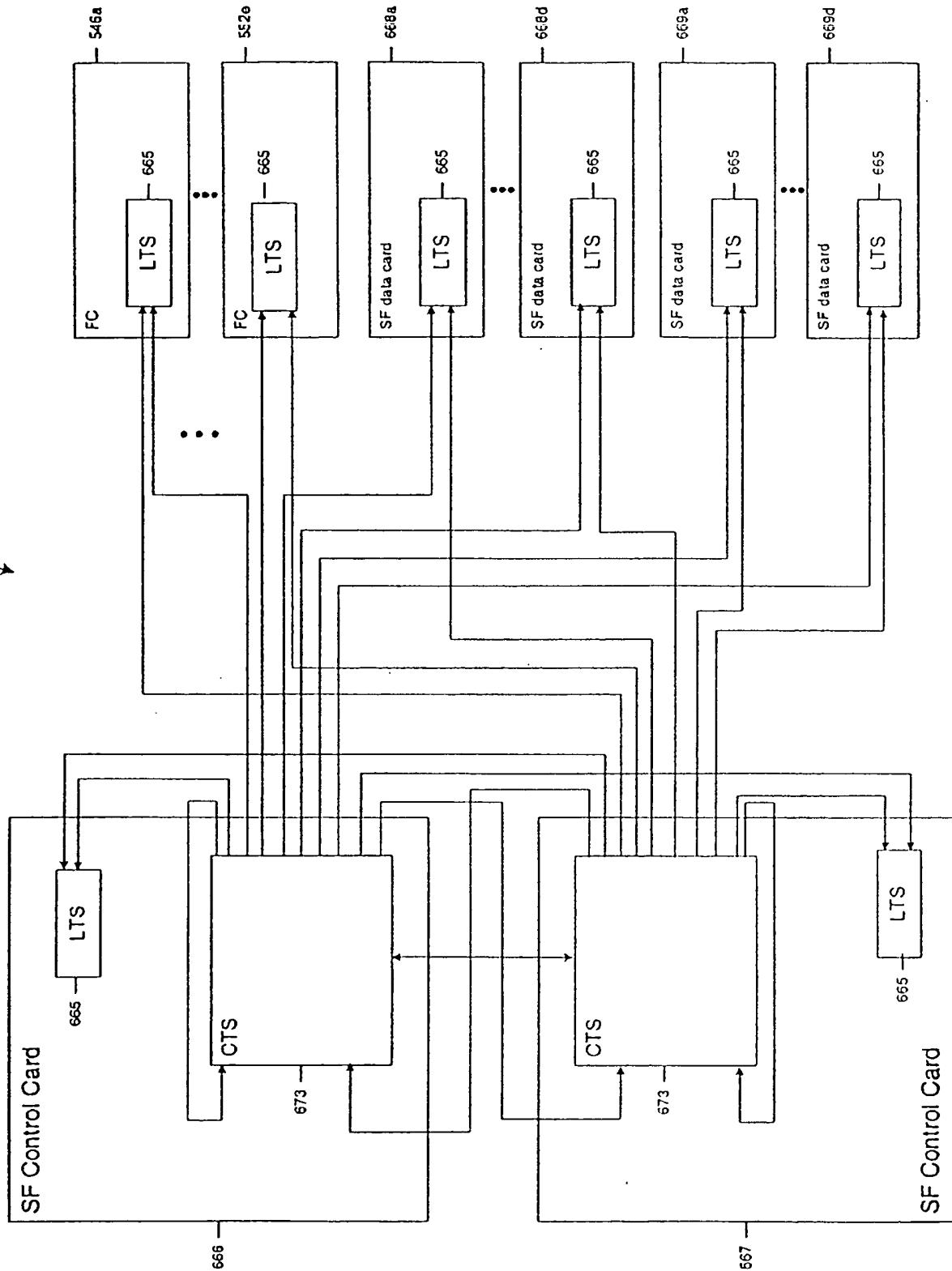
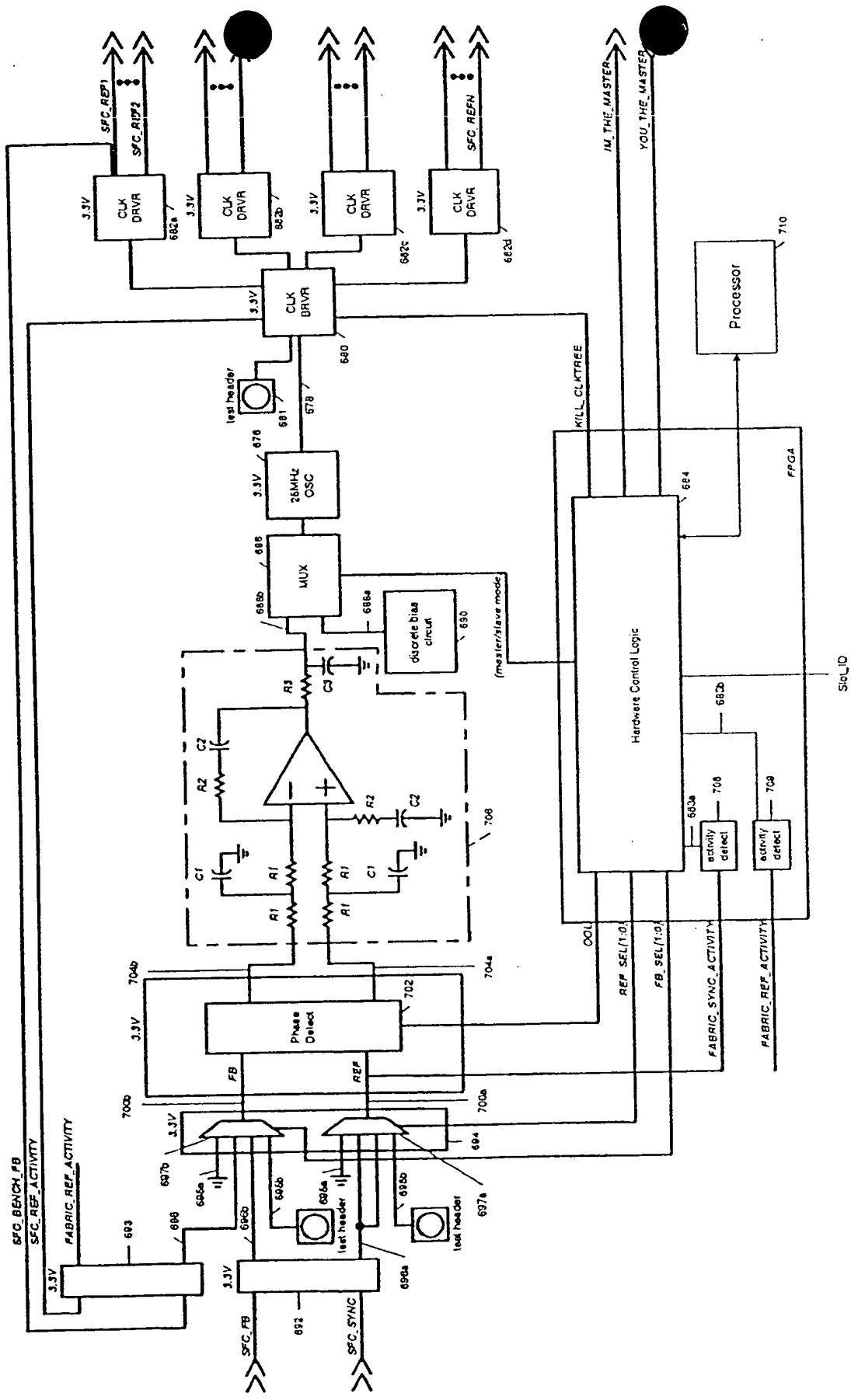


FIG. 44

FIG. 45

673
CTS



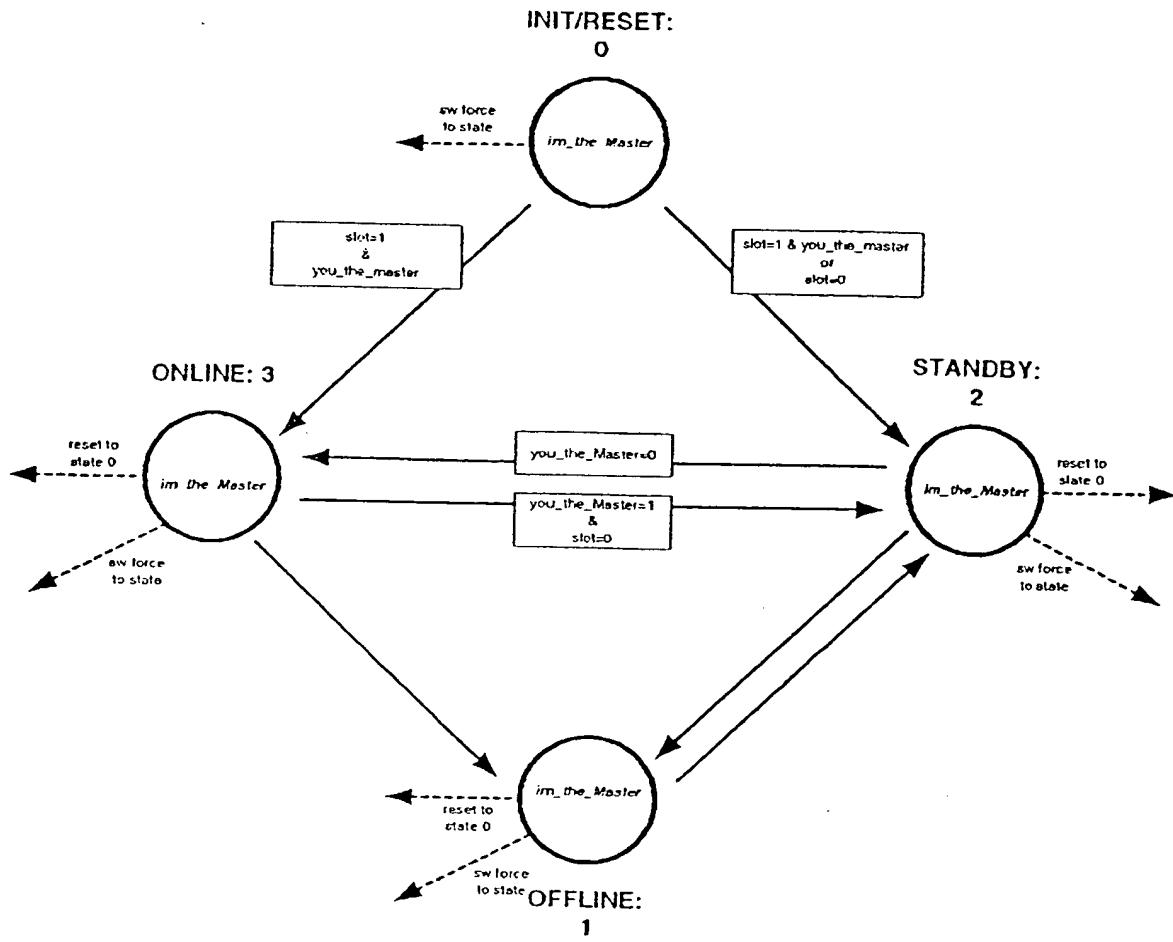


FIG. 46

LTS

665

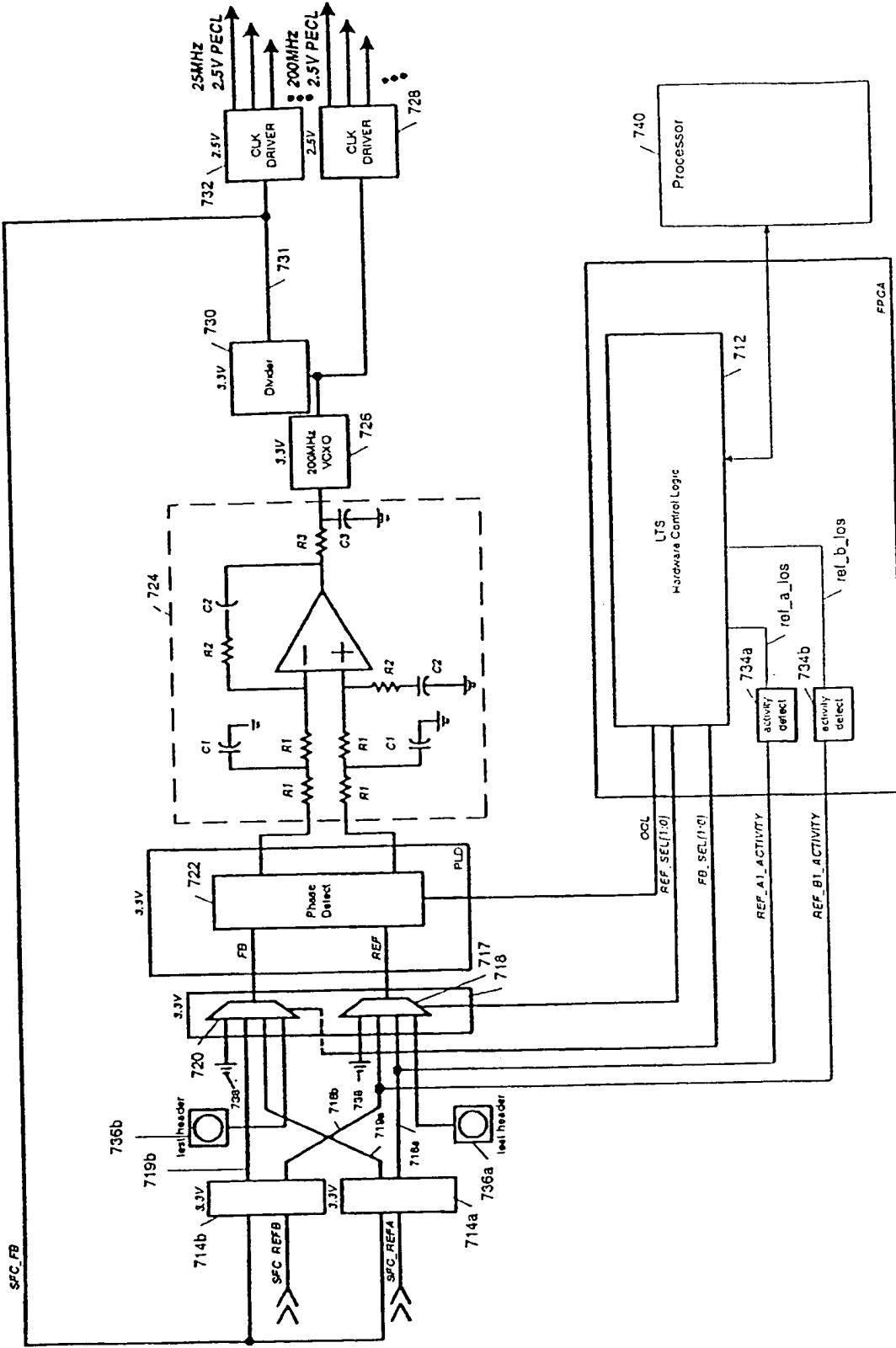


FIG. 47

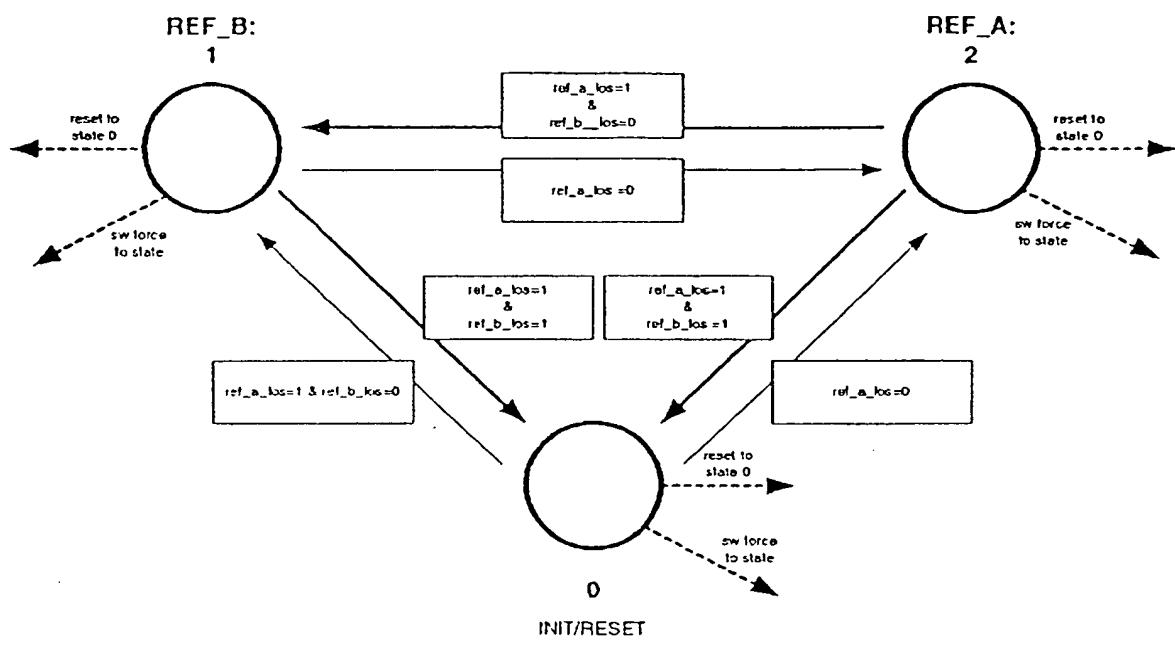


FIG. 48

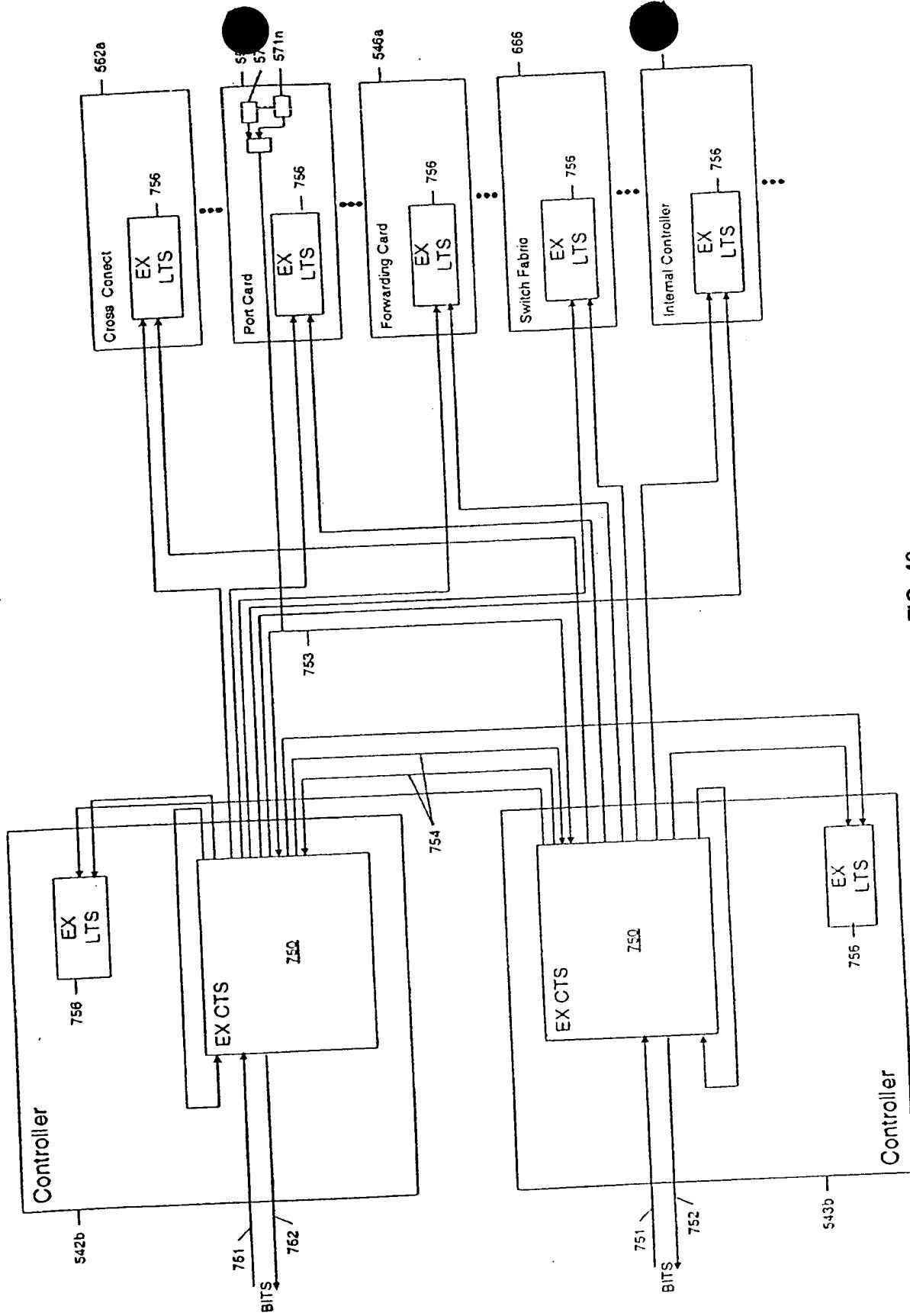


FIG. 49

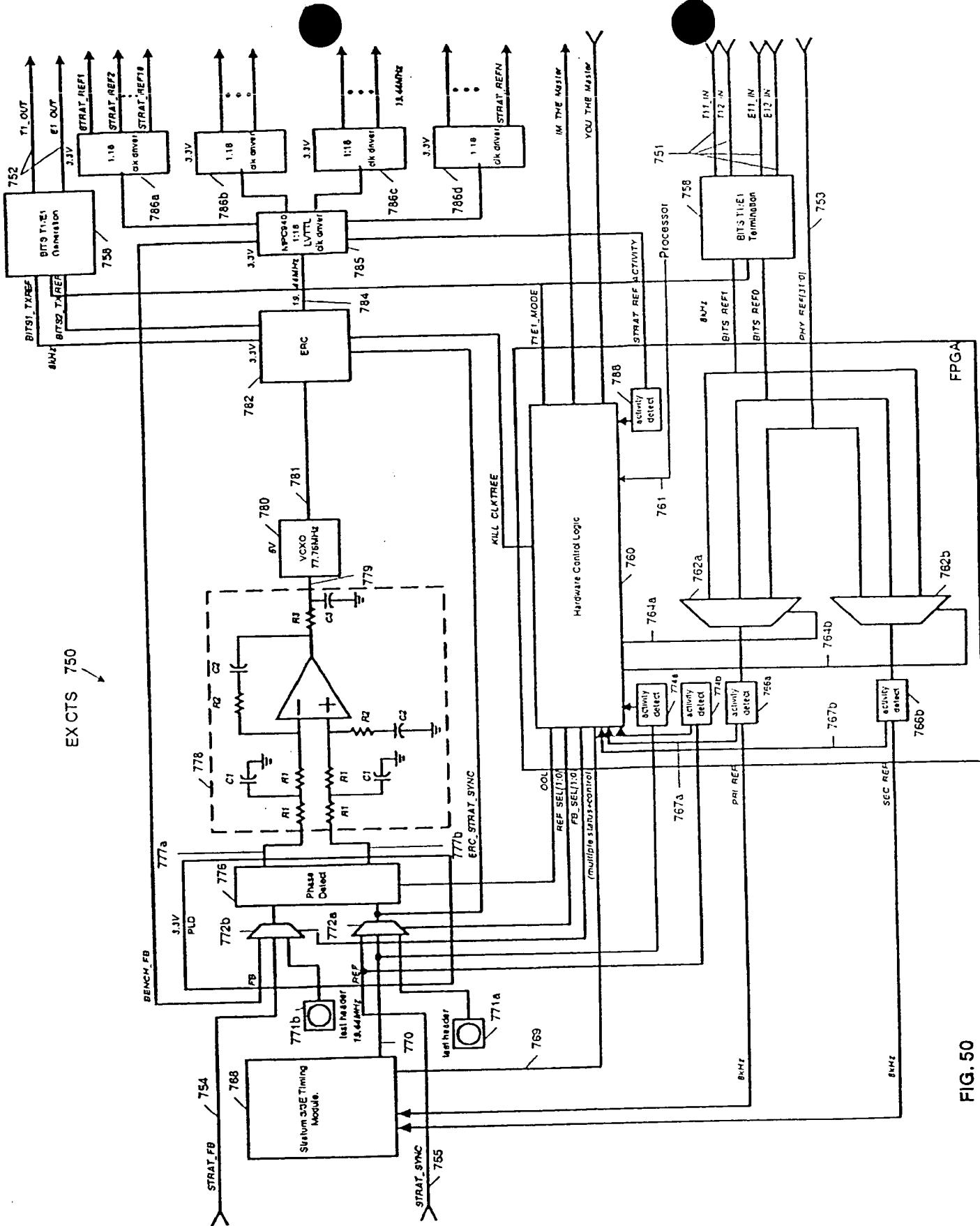


FIG. 50

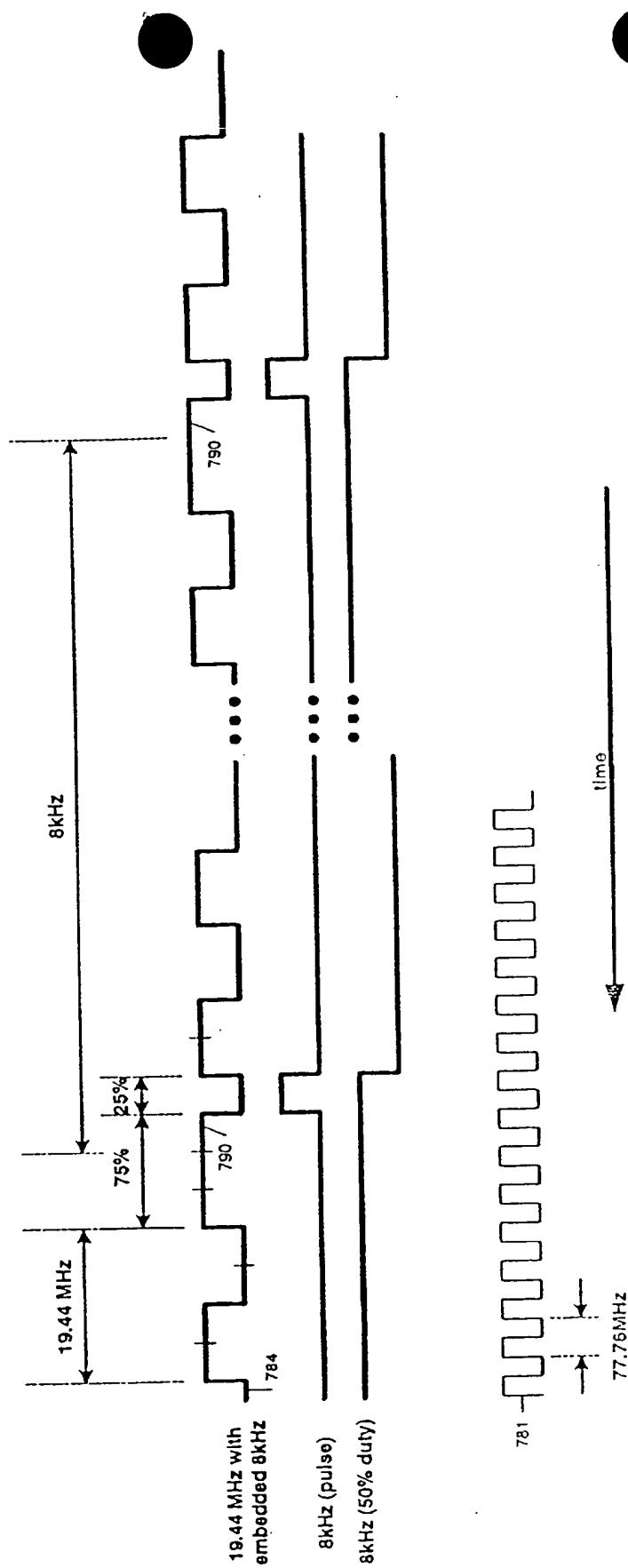


FIG. 51

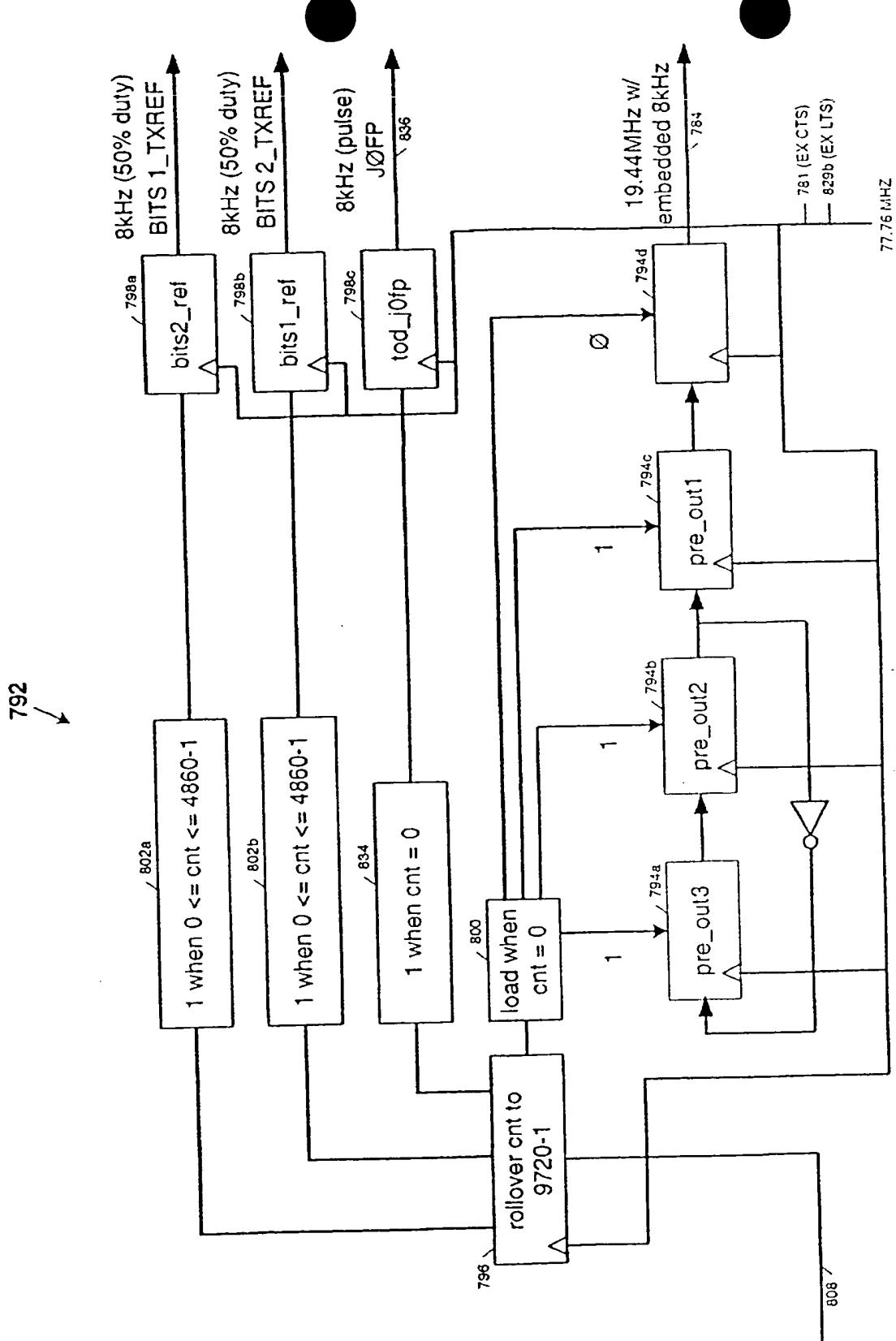


Fig. 52

804

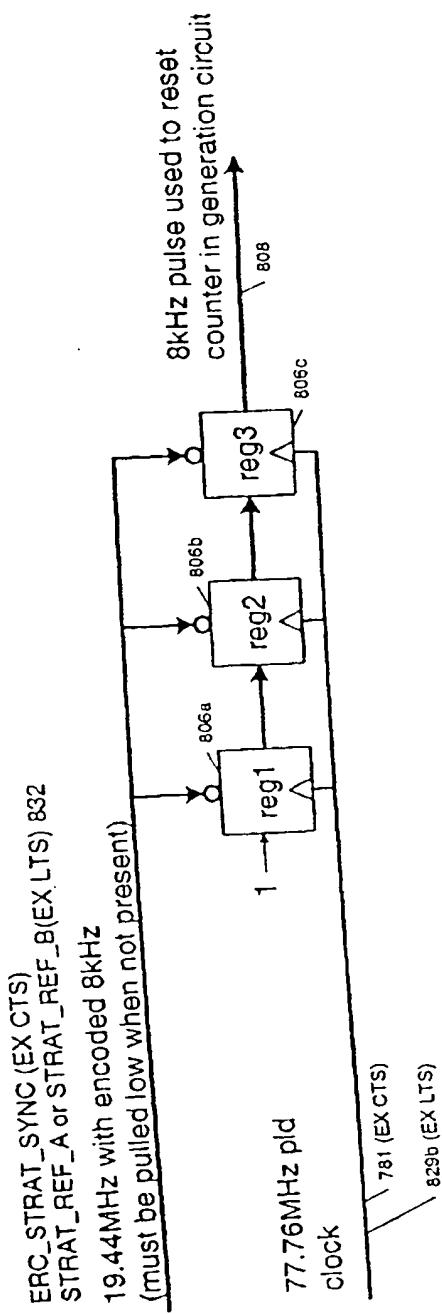


FIG. 53

100 T 30 " 008 22360
EX LTS 756

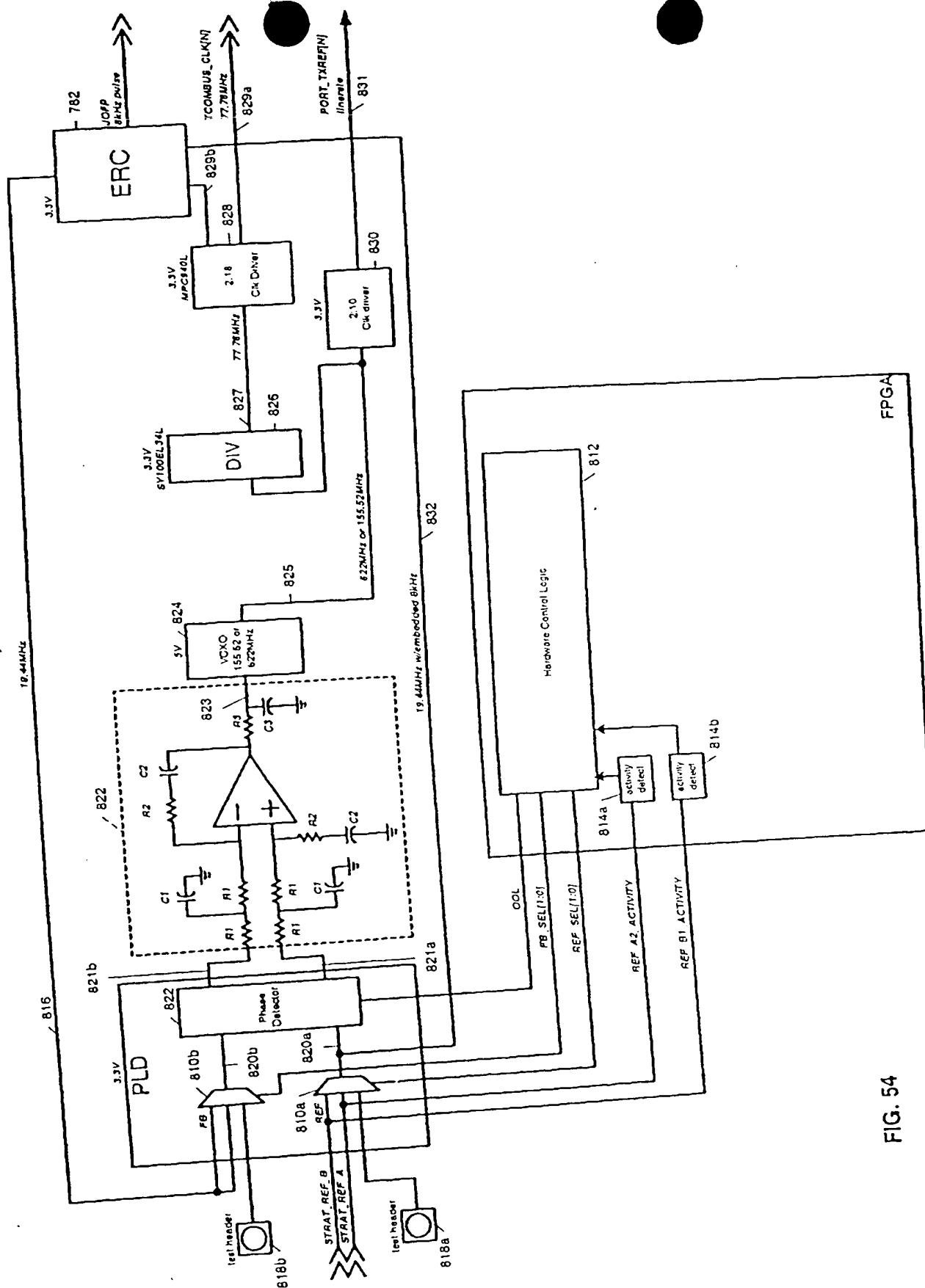


FIG. 54

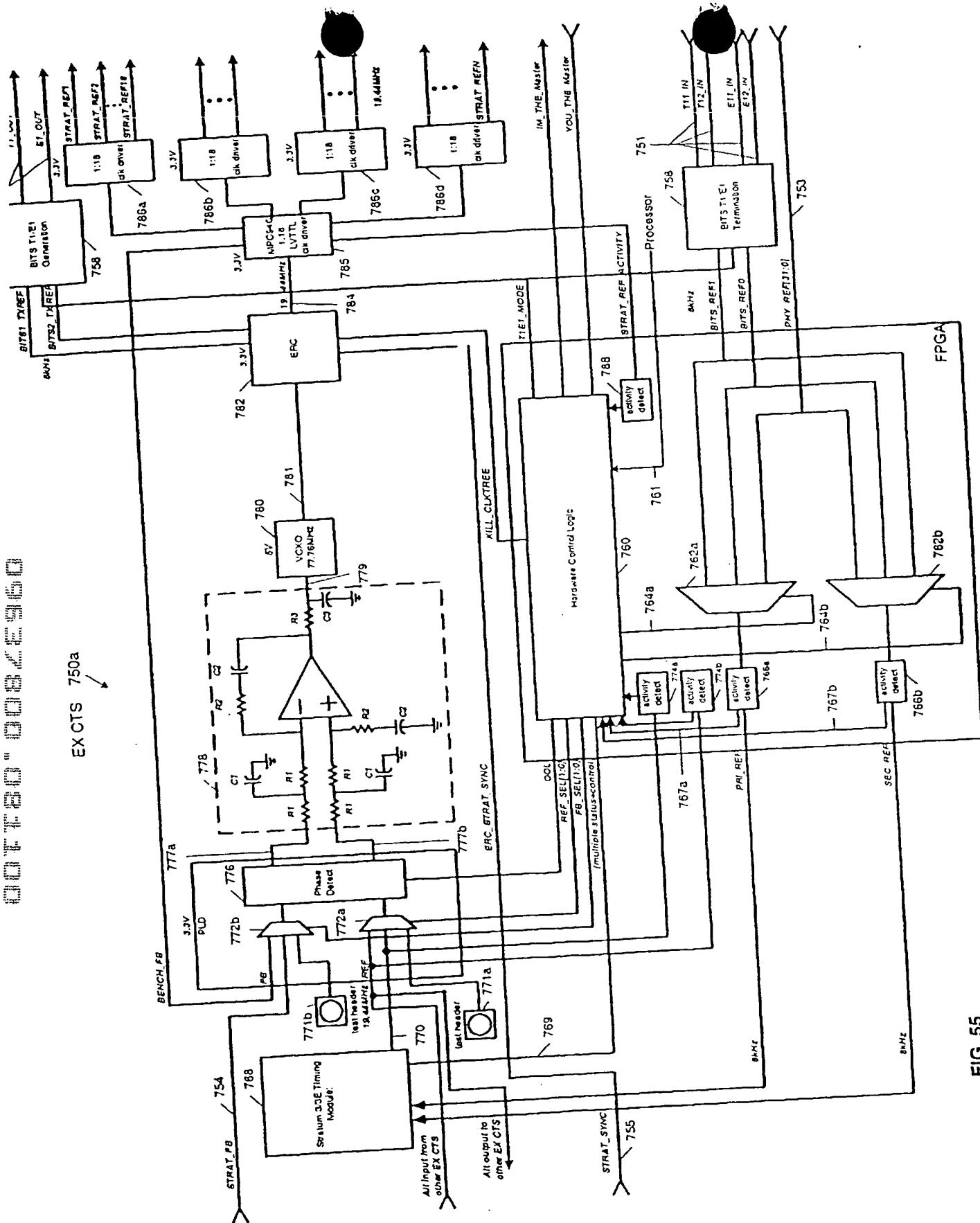


FIG. 55

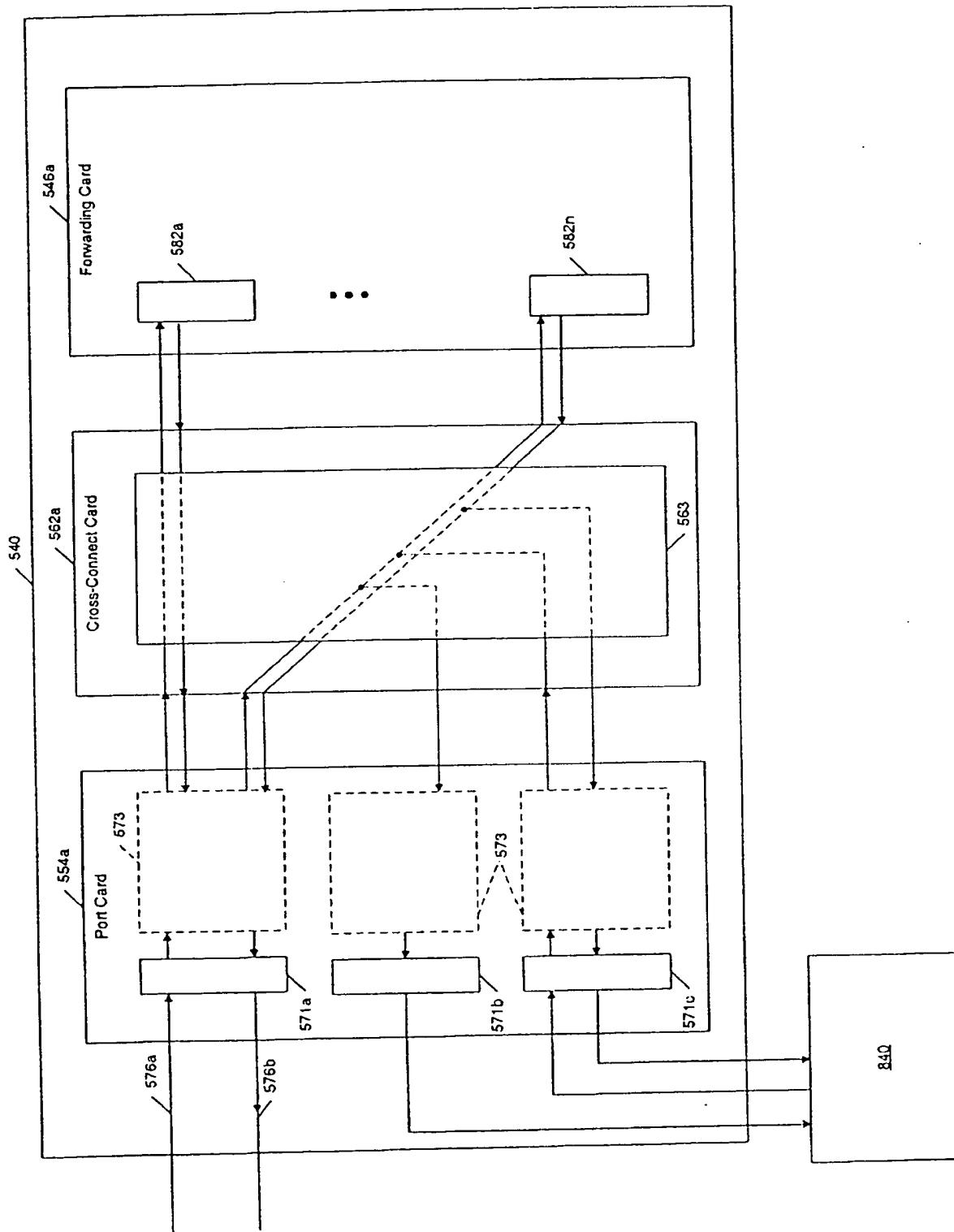


Fig. 56

FIG.57

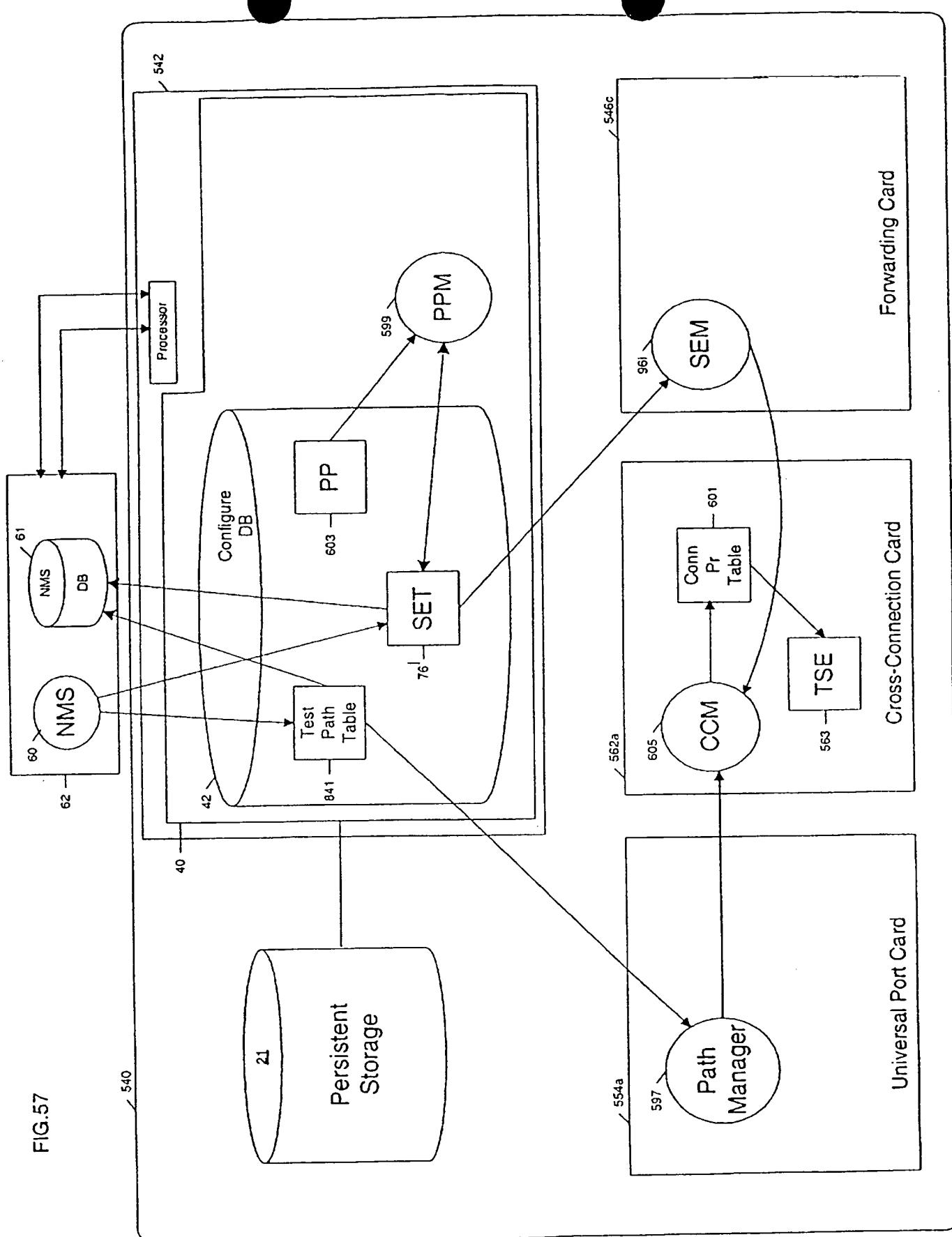


FIG. 58

Test Path Table 841

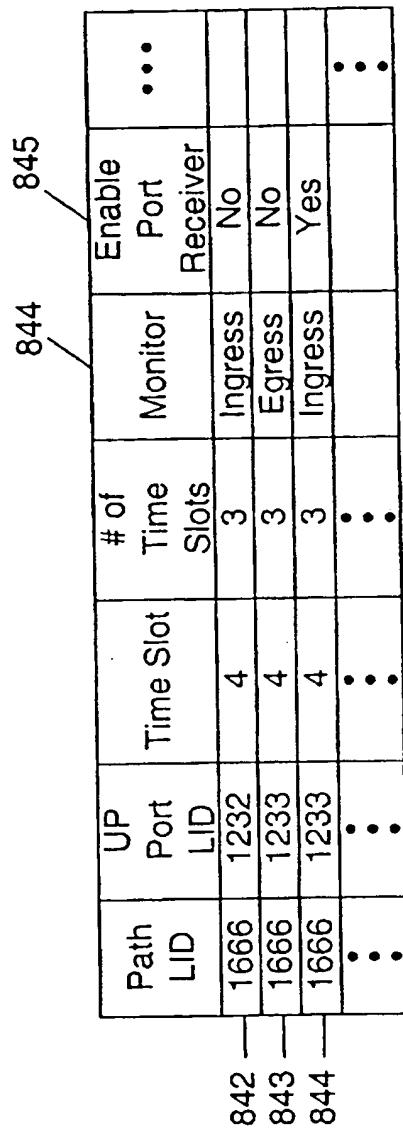


Diagram illustrating the relationship between Test Path Table 841 and Test Path Table 844. An arrow points from the table to the path 844, which is then connected to the table.

Path LID	UP Port LID	Time Slot	# of Time Slots	Monitor	Enable Port Receiver	...
1666	1232	4	3	Ingress	No	
1666	1233	4	3	Egress	No	
1666	1233	4	3	Ingress	Yes	
...